

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
 Data File : BF130875.D
 Acq On : 31 Oct 2022 12:33
 Operator : CG\JU
 Sample : PB148618BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148618BSD

Quant Time: Nov 01 02:25:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	86462	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	333073	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	179487	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	332196	20.000	ng	0.00
76) Chrysene-d12	14.139	240	215140	20.000	ng	0.00
86) Perylene-d12	15.651	264	150909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	705823	141.521	ng	0.01
7) Phenol-d6	6.569	99	896017	138.251	ng	0.00
23) Nitrobenzene-d5	7.510	82	591530	107.089	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	249515	165.141	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1058523	89.163	ng	0.00
79) Terphenyl-d14	13.080	244	1199925	102.204	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.857	88	86751	38.796	ng	94
3) Pyridine	3.610	79	236929	37.830	ng	98
4) n-Nitrosodimethylamine	3.575	42	173972	49.480	ng	# 92
6) Aniline	6.604	93	341944	42.668	ng	96
8) 2-Chlorophenol	6.728	128	273758	49.274	ng	96
9) Benzaldehyde	6.493	77	130881	31.552	ng	91
10) Phenol	6.581	94	323707	46.414	ng	97
11) bis(2-Chloroethyl)ether	6.681	93	260431	47.901	ng	97
12) 1,3-Dichlorobenzene	6.887	146	293194	46.571	ng	99
13) 1,4-Dichlorobenzene	6.963	146	297187	46.505	ng	99
14) 1,2-Dichlorobenzene	7.116	146	283489	47.900	ng	99
15) Benzyl Alcohol	7.087	79	241653	43.849	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.216	45	457143	47.171	ng	96
17) 2-Methylphenol	7.192	107	229946	48.423	ng	98
18) Hexachloroethane	7.457	117	113966	49.345	ng	98
19) n-Nitroso-di-n-propyla...	7.357	70	201317	45.654	ng	100
20) 3+4-Methylphenols	7.345	107	275387	44.603	ng	# 83
22) Acetophenone	7.357	105	386221	47.826	ng	97
24) Nitrobenzene	7.528	77	307654	50.936	ng	99
25) Isophorone	7.769	82	545116	47.857	ng	99
26) 2-Nitrophenol	7.845	139	130535	54.234	ng	95
27) 2,4-Dimethylphenol	7.875	122	247812	52.275	ng	100
28) bis(2-Chloroethoxy)met...	7.975	93	319716	50.258	ng	99
29) 2,4-Dichlorophenol	8.087	162	224857	46.109	ng	95
30) 1,2,4-Trichlorobenzene	8.169	180	237607	45.311	ng	96
31) Naphthalene	8.251	128	772928	44.478	ng	100
32) Benzoic acid	7.992	122	117632	37.009	ng	92
33) 4-Chloroaniline	8.298	127	246695	35.926	ng	99
34) Hexachlorobutadiene	8.363	225	159652	45.863	ng	100
35) Caprolactam	8.675	113	39253	25.118	ng	99
36) 4-Chloro-3-methylphenol	8.781	107	253447	47.913	ng	97
37) 2-Methylnaphthalene	8.945	142	494128	45.205	ng	100
38) 1-Methylnaphthalene	9.045	142	469798	44.163	ng	97
40) 1,2,4,5-Tetrachloroben...	9.110	216	248099	48.743	ng	99
41) Hexachlorocyclopentadiene	9.098	237	323354	120.908	ng	99
43) 2,4,6-Trichlorophenol	9.222	196	169178	47.833	ng	99

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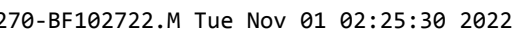
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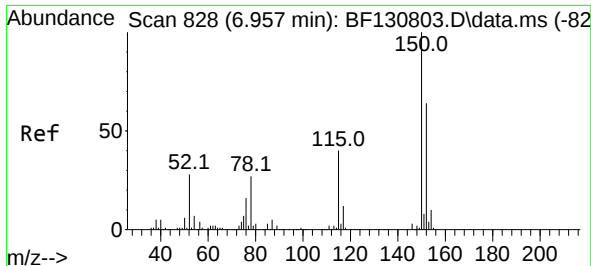
Quant Time: Nov 01 02:25:13 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	175056	46.327	ng	99
46) 1,1'-Biphenyl	9.410	154	613397	47.968	ng	99
47) 2-Chloronaphthalene	9.439	162	477484	46.566	ng	97
48) 2-Nitroaniline	9.534	65	174275	52.436	ng	99
49) Acenaphthylene	9.857	152	744067	45.920	ng	99
50) Dimethylphthalate	9.716	163	550114	44.623	ng	100
51) 2,6-Dinitrotoluene	9.775	165	122271	51.931	ng	95
52) Acenaphthene	10.028	154	450365	44.948	ng	99
53) 3-Nitroaniline	9.945	138	99582	41.471	ng	# 96
54) 2,4-Dinitrophenol	10.057	184	120786	97.500	ng	86
55) Dibenzofuran	10.204	168	655271	45.119	ng	99
56) 4-Nitrophenol	10.110	139	208667	109.749	ng	94
57) 2,4-Dinitrotoluene	10.181	165	164872	55.377	ng	# 86
58) Fluorene	10.545	166	525211	45.927	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	145787	46.796	ng	98
60) Diethylphthalate	10.416	149	556749	45.920	ng	98
61) 4-Chlorophenyl-phenyle...	10.533	204	256535	46.892	ng	94
62) 4-Nitroaniline	10.569	138	129734	53.355	ng	97
63) Azobenzene	10.698	77	570359	45.065	ng	98
65) 4,6-Dinitro-2-methylph...	10.592	198	79480	55.721	ng	90
66) n-Nitrosodiphenylamine	10.657	169	485854	46.889	ng	100
67) 4-Bromophenyl-phenylether	11.028	248	162391	48.609	ng	91
68) Hexachlorobenzene	11.092	284	175174	47.591	ng	98
69) Atrazine	11.186	200	164948	55.123	ng	97
70) Pentachlorophenol	11.286	266	191696	91.267	ng	98
71) Phenanthrene	11.516	178	785257	45.799	ng	100
72) Anthracene	11.569	178	798212	47.200	ng	99
73) Carbazole	11.722	167	726079	47.943	ng	99
74) Di-n-butylphthalate	12.045	149	854235	46.443	ng	99
75) Fluoranthene	12.710	202	861076	47.267	ng	97
77) Benzidine	12.827	184	406010	77.742	ng	99
78) Pyrene	12.939	202	862256	47.505	ng	99
80) Butylbenzylphthalate	13.551	149	344345	52.731	ng	96
81) Benzo(a)anthracene	14.127	228	678763	47.587	ng	99
82) 3,3'-Dichlorobenzidine	14.086	252	169795	44.106	ng	95
83) Chrysene	14.169	228	627124	45.581	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	432915	55.137	ng	100
85) Di-n-octyl phthalate	14.727	149	583497	53.846	ng	100
87) Indeno(1,2,3-cd)pyrene	17.209	276	489202	48.815	ng	99
88) Benzo(b)fluoranthene	15.204	252	518908	53.193	ng	99
89) Benzo(k)fluoranthene	15.204	252	518908	54.589	ng	98
90) Benzo(a)pyrene	15.592	252	416227	53.077	ng	98
91) Dibenzo(a,h)anthracene	17.233	278	423802	51.876	ng	98
92) Benzo(g,h,i)perylene	17.686	276	429291	51.507	ng	98

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

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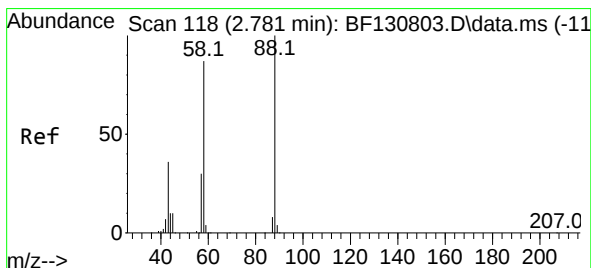
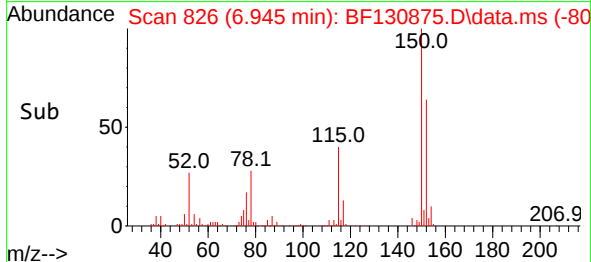
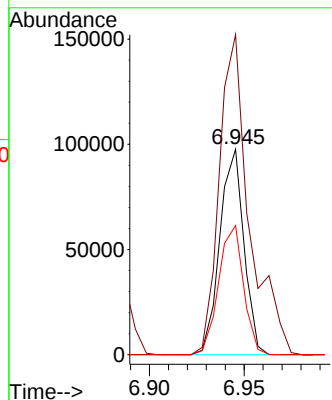
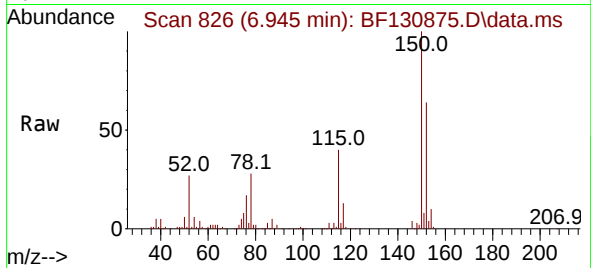




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130875.D
 Acq: 31 Oct 2022 12:33

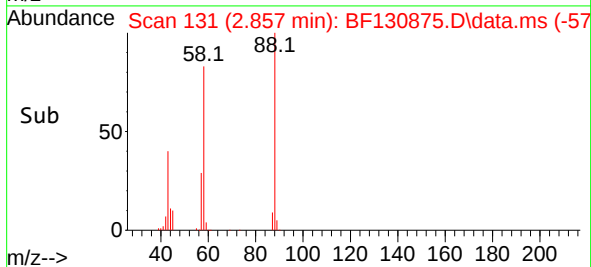
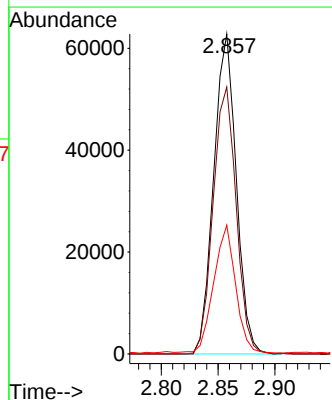
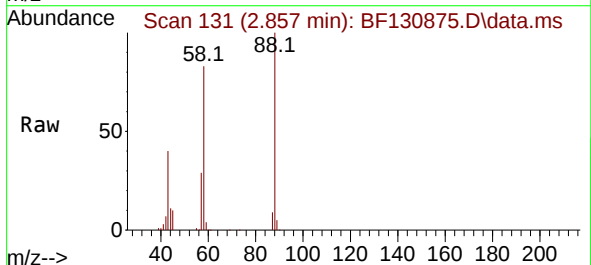
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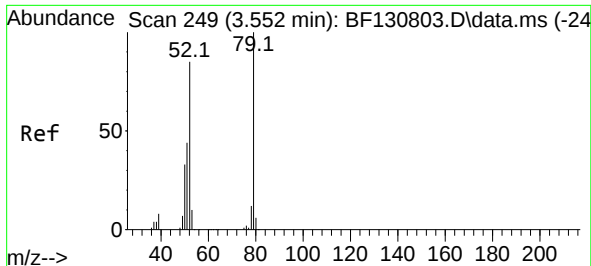
Tgt Ion:152 Resp: 86462
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.1 186.1
 115 62.8 50.1 75.1



#2
 1,4-Dioxane
 Concen: 38.796 ng
 RT: 2.857 min Scan# 131
 Delta R.T. 0.082 min
 Lab File: BF130875.D
 Acq: 31 Oct 2022 12:33

Tgt Ion: 88 Resp: 86751
 Ion Ratio Lower Upper
 88 100
 58 85.3 64.7 97.1
 43 38.8 26.5 39.7

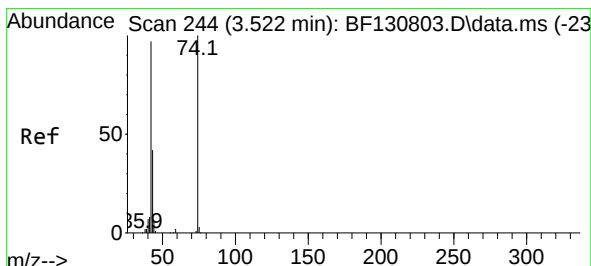
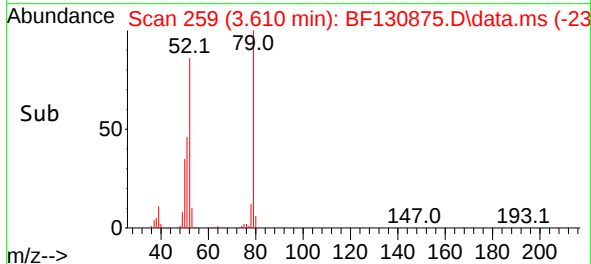
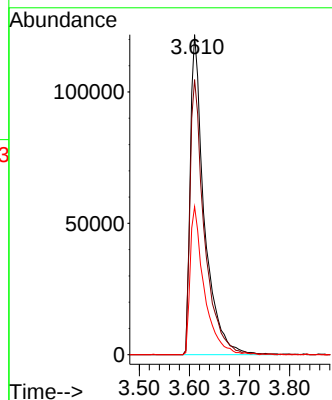
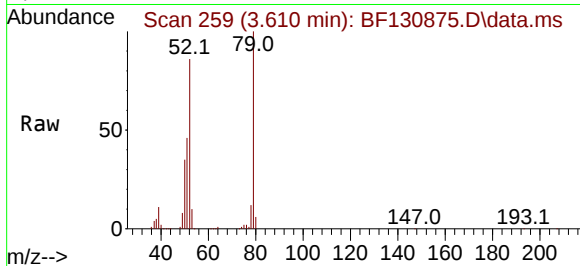




#3
Pyridine
Concen: 37.830 ng
RT: 3.610 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

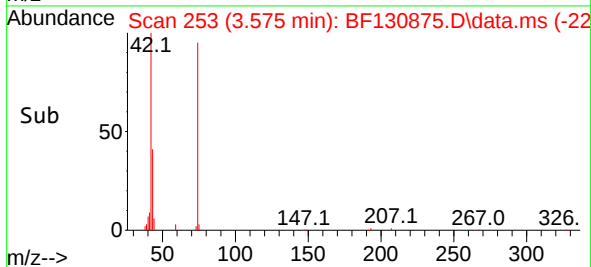
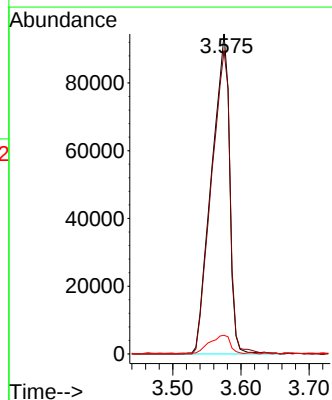
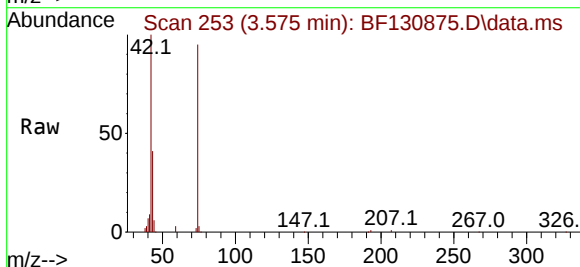
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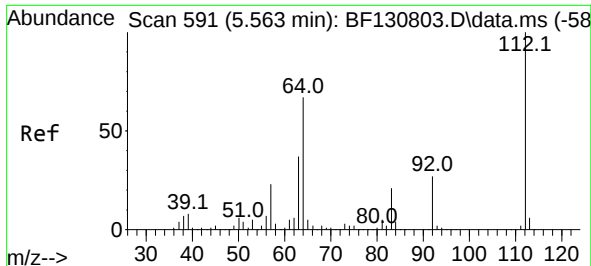
Tgt Ion: 79 Resp: 236929
Ion Ratio Lower Upper
79 100
52 85.9 68.2 102.4
51 46.3 35.2 52.8



#4
n-Nitrosodimethylamine
Concen: 49.480 ng
RT: 3.575 min Scan# 253
Delta R.T. 0.059 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion: 42 Resp: 173972
Ion Ratio Lower Upper
42 100
74 94.8 82.8 124.2
44 5.8 6.0 9.0#

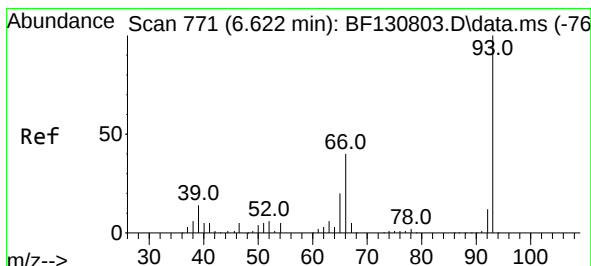
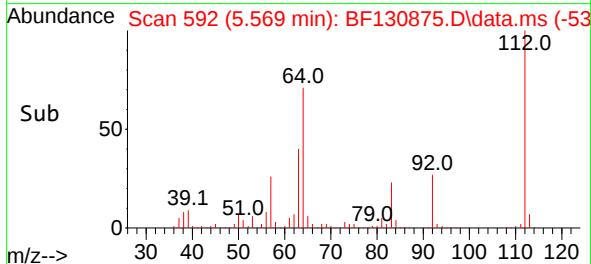
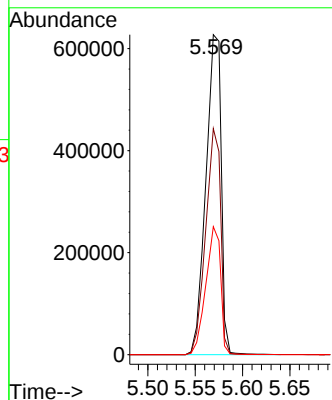
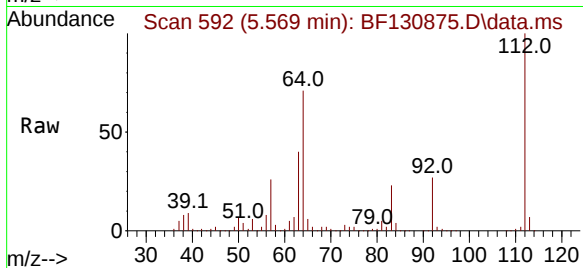




#5
2-Fluorophenol
Concen: 141.521 ng
RT: 5.569 min Scan# 591
Delta R.T. 0.012 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

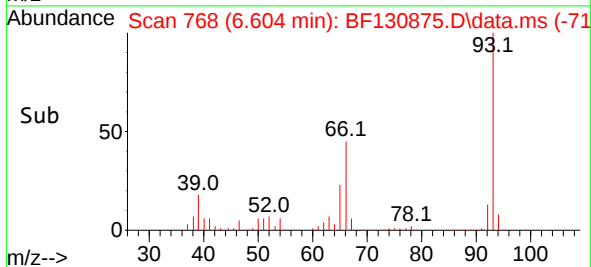
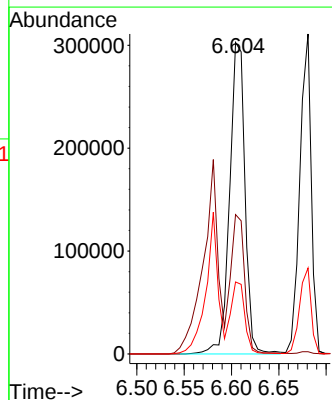
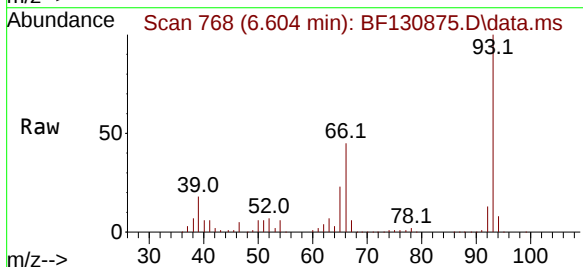
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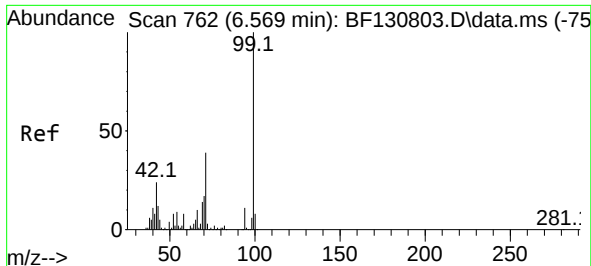
Tgt Ion:112 Resp: 705823
Ion Ratio Lower Upper
112 100
64 70.6 53.9 80.9
63 40.0 29.4 44.2



#6
Aniline
Concen: 42.668 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion: 93 Resp: 341944
Ion Ratio Lower Upper
93 100
66 44.7 33.8 50.8
65 23.1 17.2 25.8

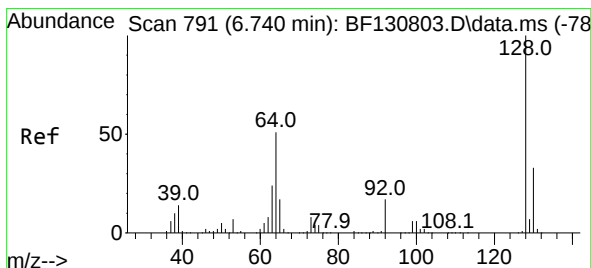
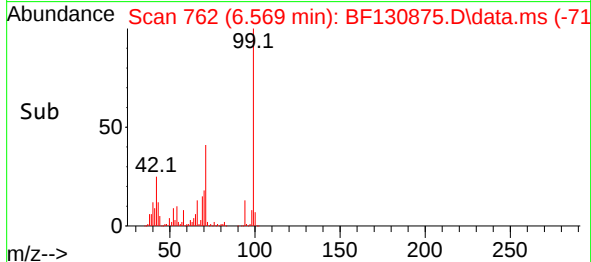
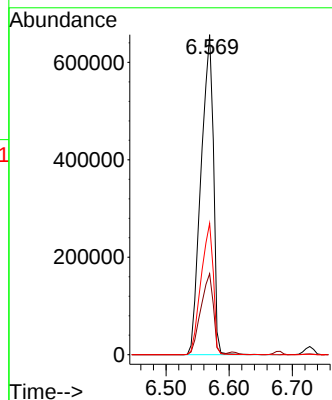
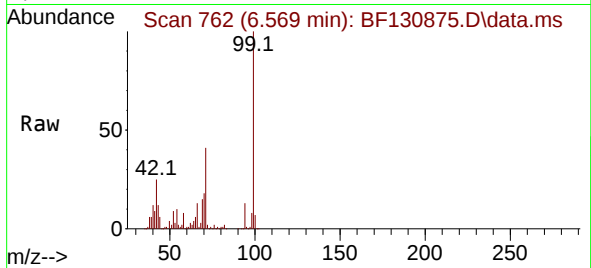




#7
Phenol-d6
Concen: 138.251 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

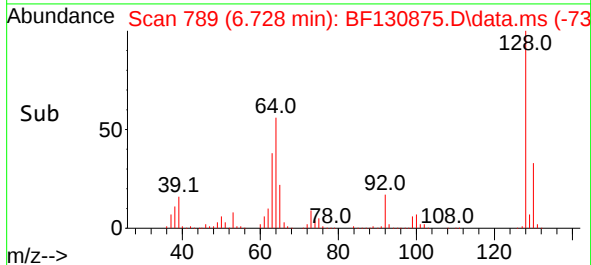
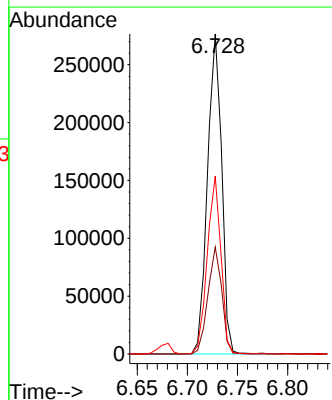
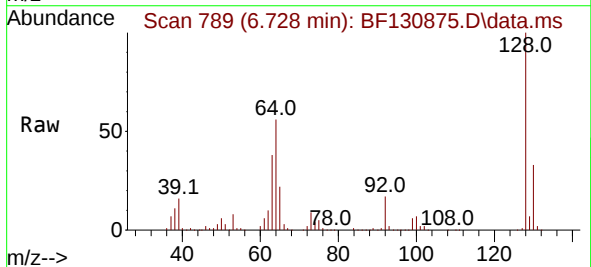
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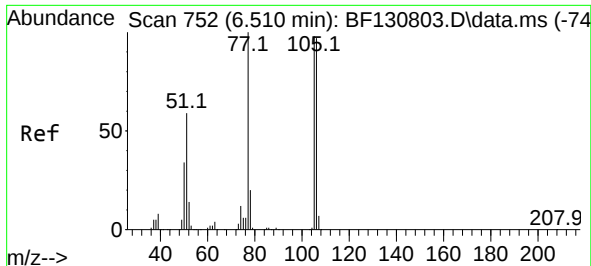
Tgt Ion: 99 Resp: 896017
Ion Ratio Lower Upper
99 100
42 25.3 18.8 28.2
71 41.1 31.4 47.0



#8
2-Chlorophenol
Concen: 49.274 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:128 Resp: 273758
Ion Ratio Lower Upper
128 100
130 33.4 12.7 52.7
64 55.6 31.3 71.3

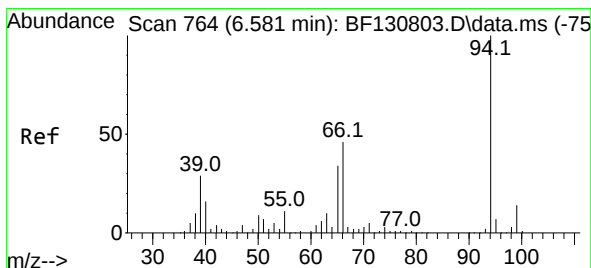
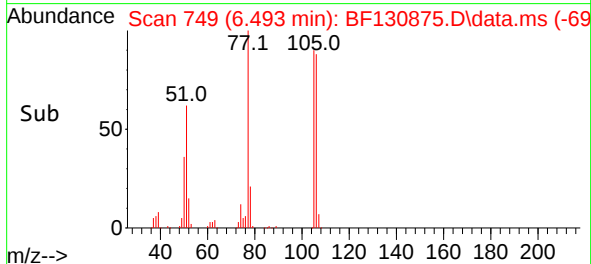
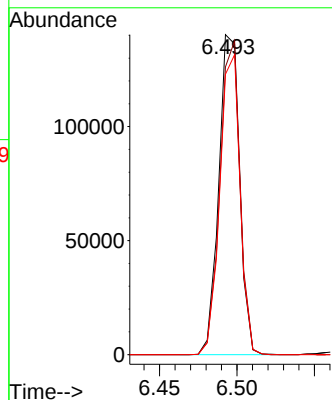
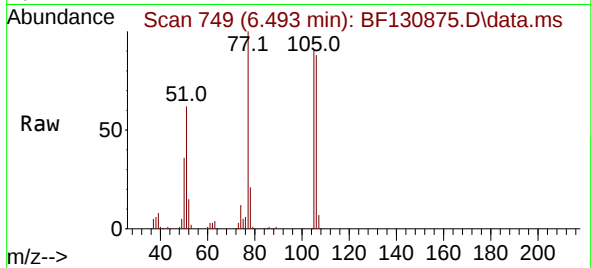




#9
Benzaldehyde
Concen: 31.552 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

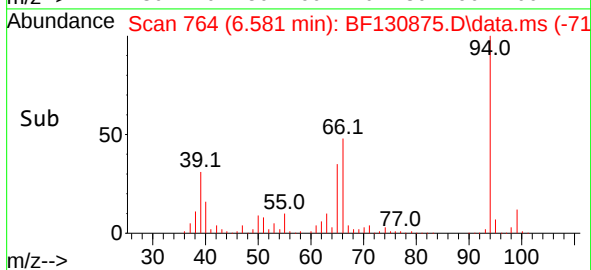
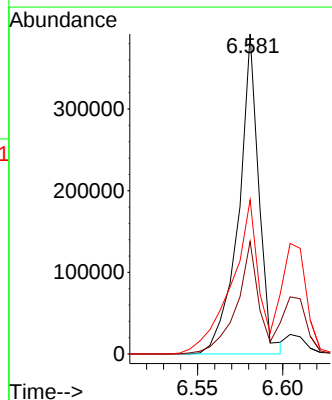
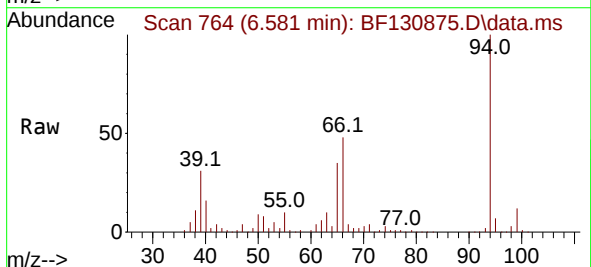
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ClientSampleId :
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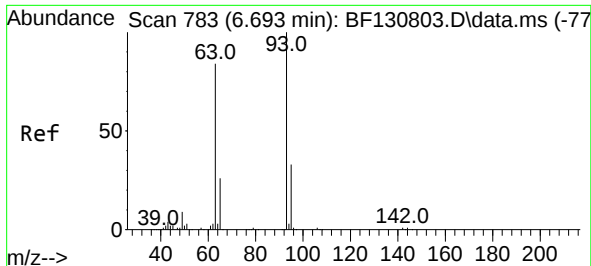
Tgt Ion: 77 Resp: 130881
Ion Ratio Lower Upper
77 100
105 90.0 78.2 118.2
106 87.7 76.6 116.6



#10
Phenol
Concen: 46.414 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion: 94 Resp: 323707
Ion Ratio Lower Upper
94 100
65 35.2 13.7 53.7
66 48.2 26.5 66.5

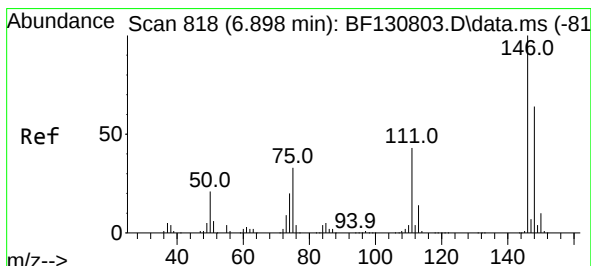
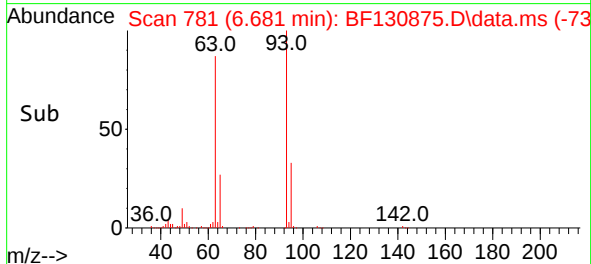
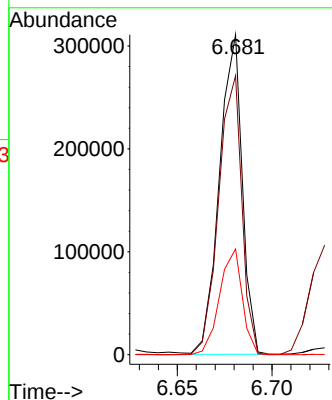
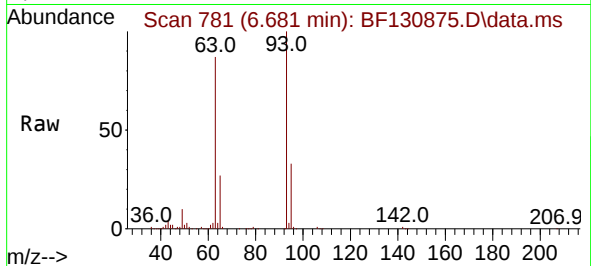




#11
bis(2-Chloroethyl)ether
Concen: 47.901 ng
RT: 6.681 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

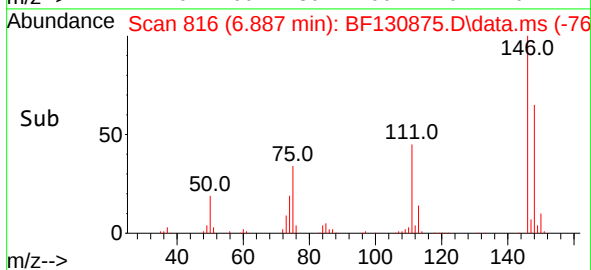
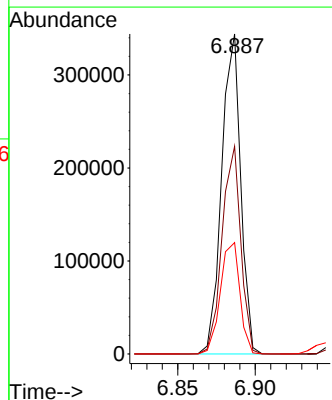
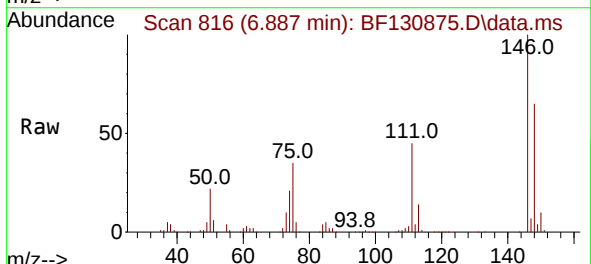
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

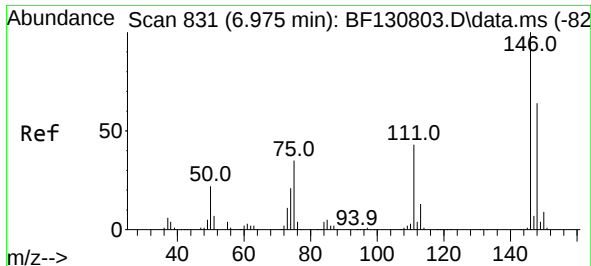
Tgt Ion: 93 Resp: 260431
Ion Ratio Lower Upper
93 100
63 87.2 63.4 103.4
95 33.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.571 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:146 Resp: 293194
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.0
75 34.8 26.6 40.0

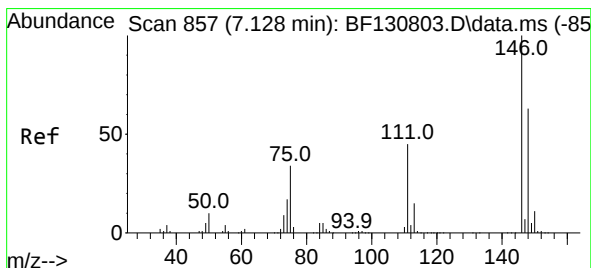
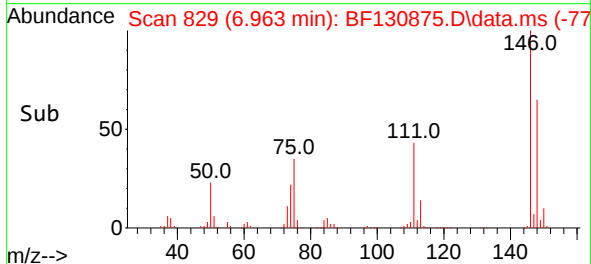
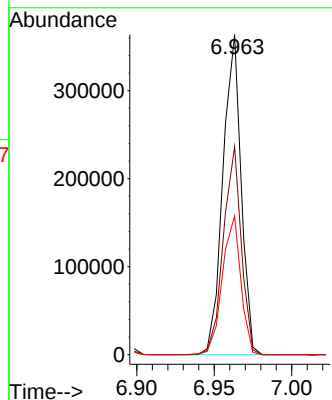
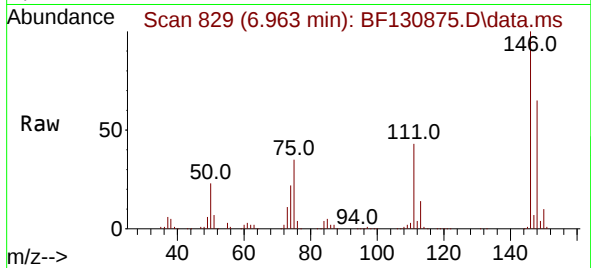




#13
1,4-Dichlorobenzene
Concen: 46.505 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

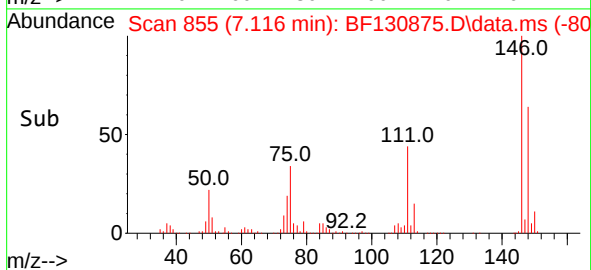
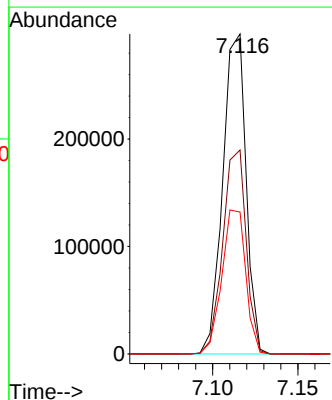
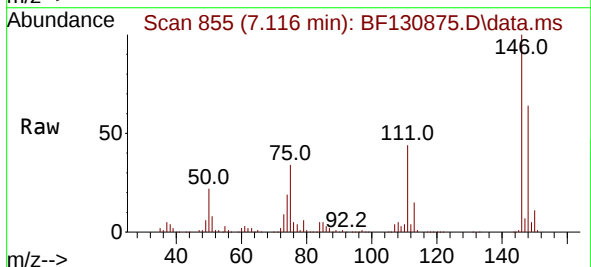
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

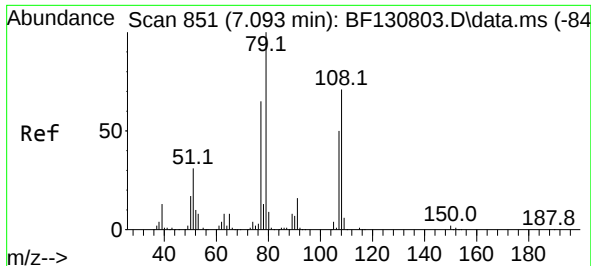
Tgt Ion:146 Resp: 297187
Ion Ratio Lower Upper
146 100
148 65.0 51.3 76.9
111 43.3 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 47.900 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:146 Resp: 283489
Ion Ratio Lower Upper
146 100
148 63.8 50.6 76.0
111 44.3 36.3 54.5

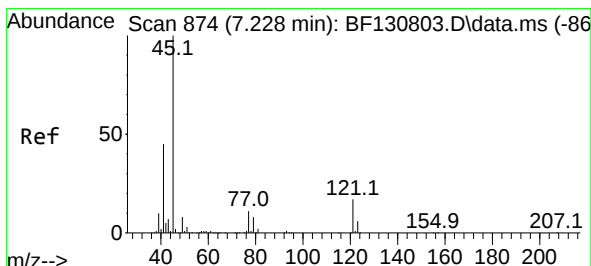
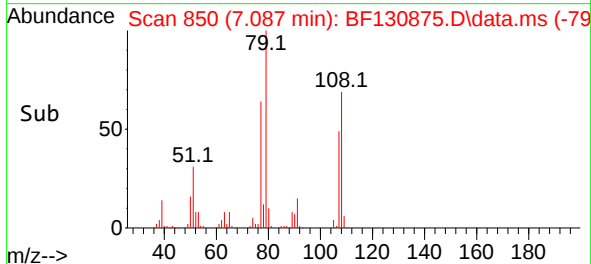
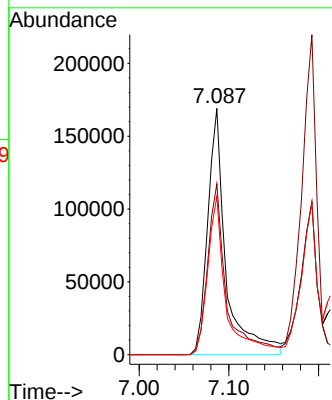
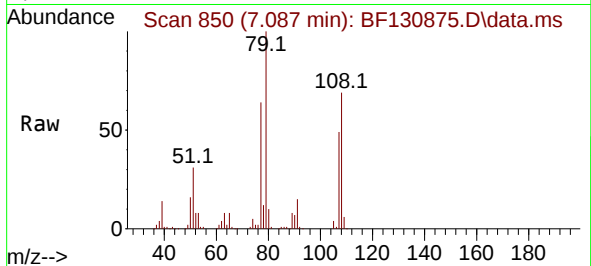




#15
Benzyl Alcohol
Concen: 43.849 ng
RT: 7.087 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

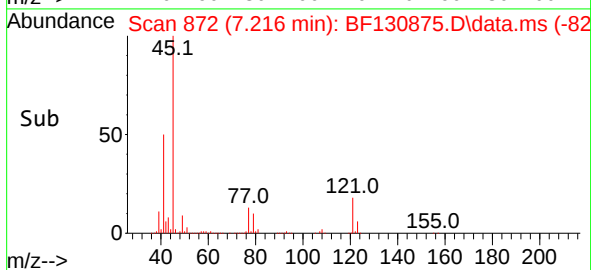
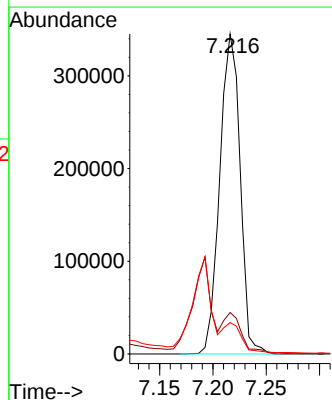
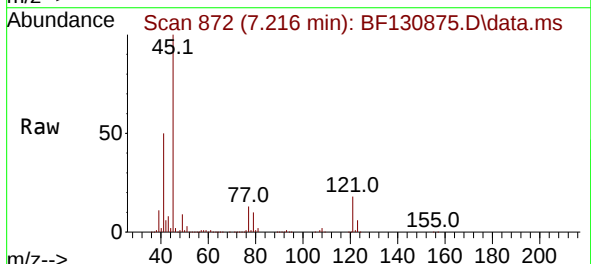
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

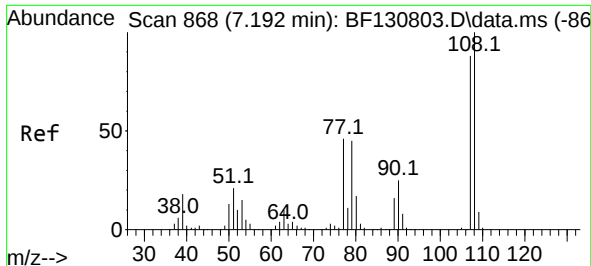
Tgt Ion: 79 Resp: 241653
Ion Ratio Lower Upper
79 100
108 69.4 56.4 84.6
77 64.3 51.8 77.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.171 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion: 45 Resp: 457143
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.2
79 9.8 0.0 28.4

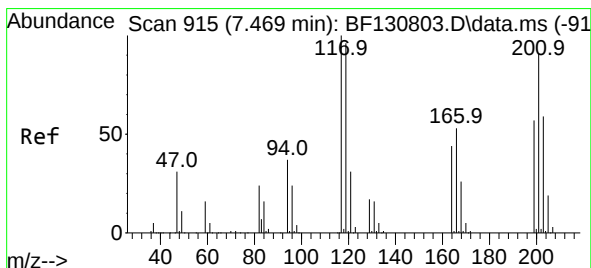
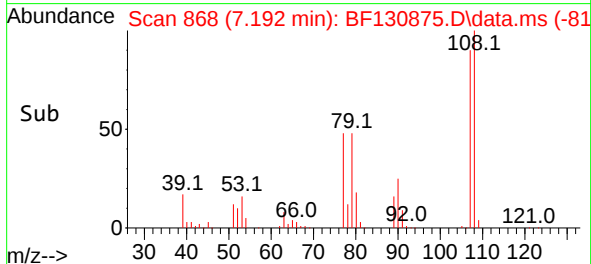
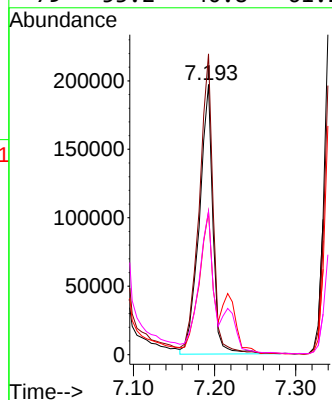
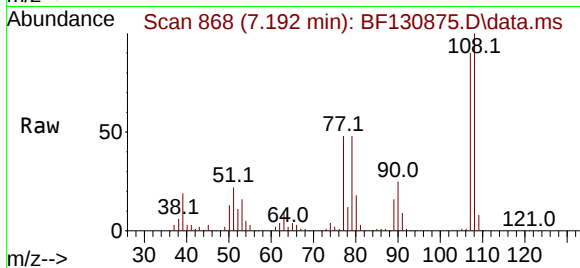




#17
2-Methylphenol
Concen: 48.423 ng
RT: 7.192 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

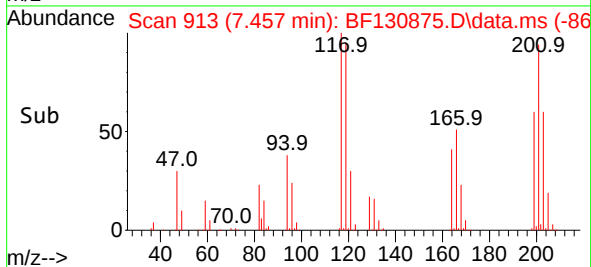
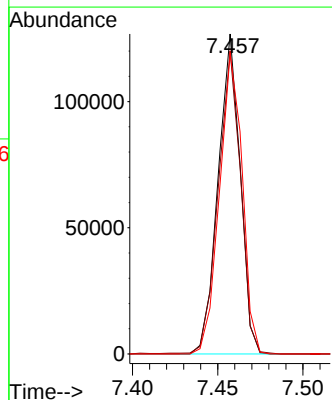
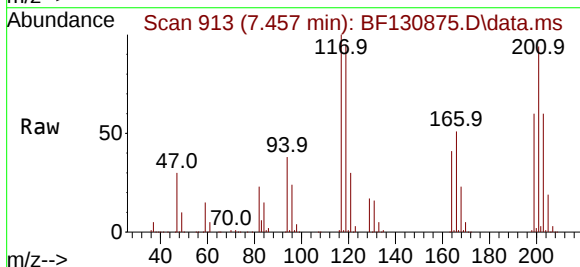
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

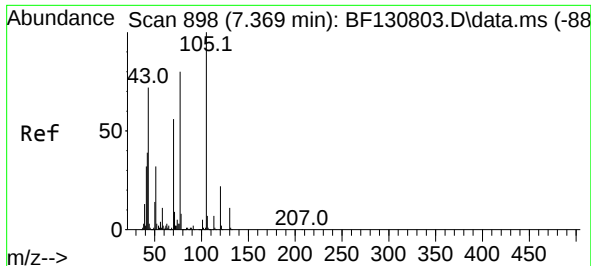
Tgt Ion:	107	Resp:	229946
Ion	Ratio	Lower	Upper
107	100		
108	111.4	90.5	135.7
77	52.9	41.2	61.8
79	53.2	40.8	61.2



#18
Hexachloroethane
Concen: 49.345 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:	117	Resp:	113966
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.1	115.7
201	94.0	72.9	109.3



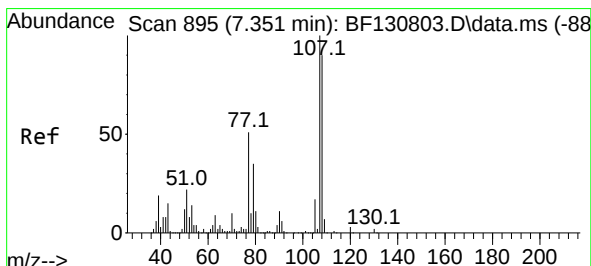
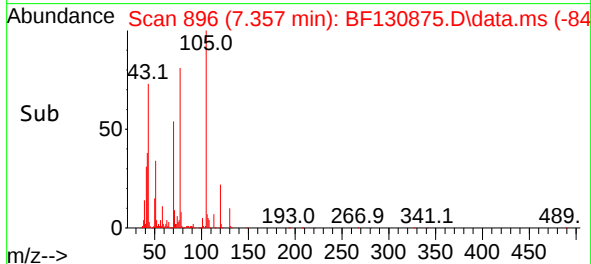
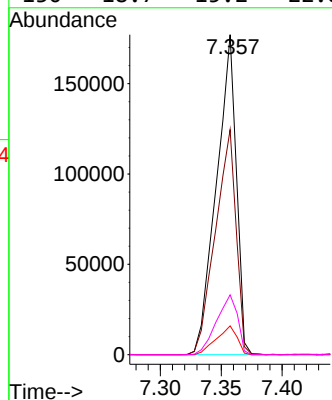
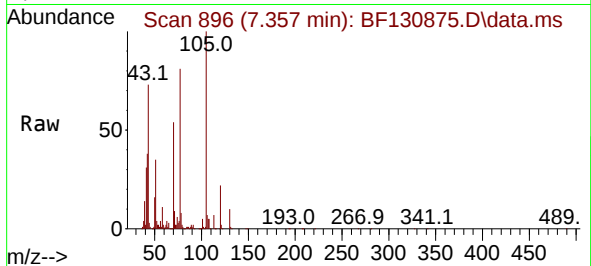


#19
n-Nitroso-di-n-propylamine
Concen: 45.654 ng
RT: 7.357 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Instrument :
BNA_F
ClientSampleId :
PB148618BSD

Tgt Ion: 70 Resp: 201317

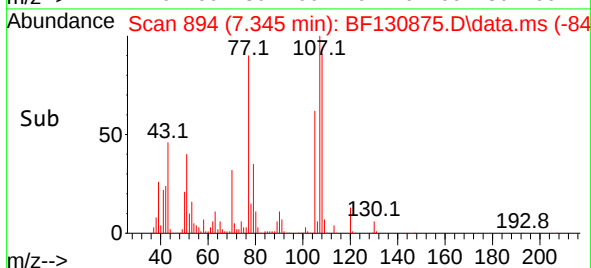
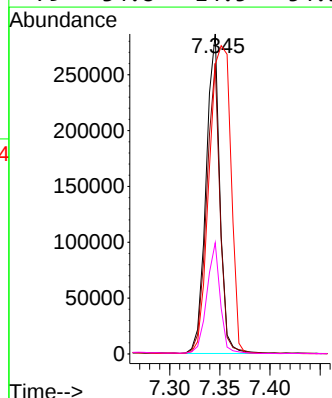
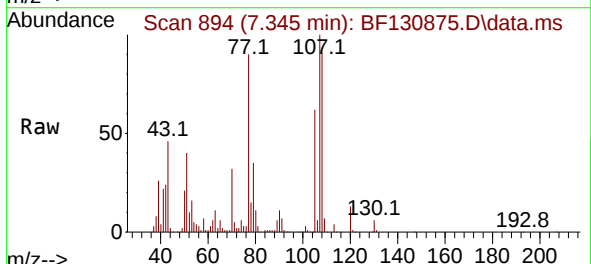
Ion	Ratio	Lower	Upper
70	100		
42	70.4	56.1	84.1
101	9.0	7.3	10.9
130	18.7	15.2	22.8

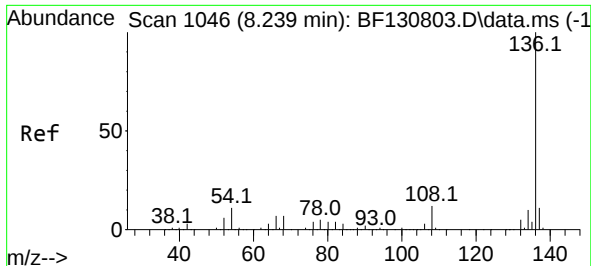


#20
3+4-Methylphenols
Concen: 44.603 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion: 107 Resp: 275387

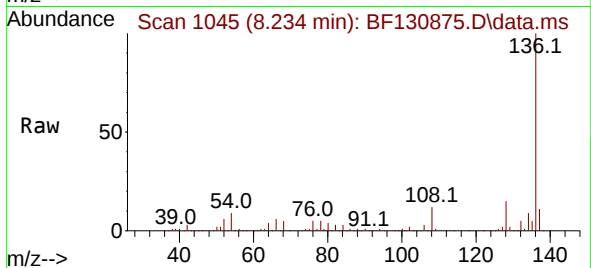
Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.4	110.4
77	90.4	31.1	71.1#
79	34.8	14.5	54.5



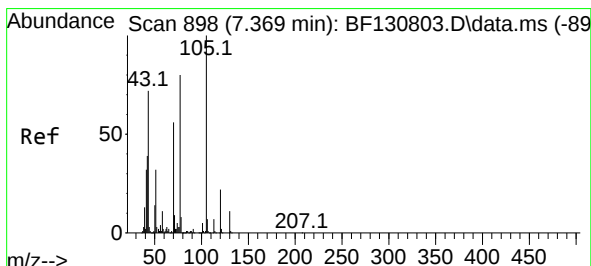
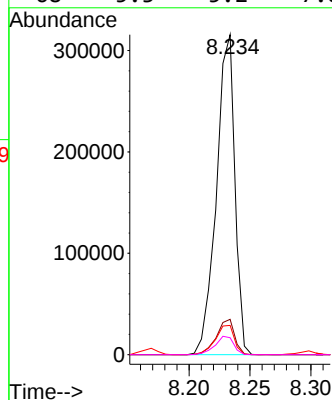
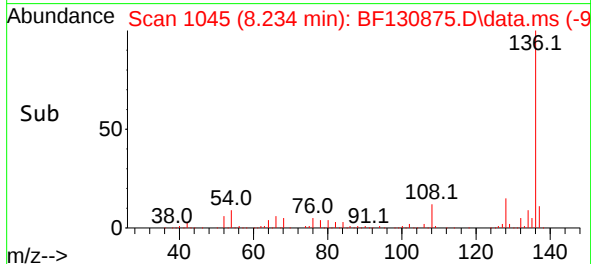


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

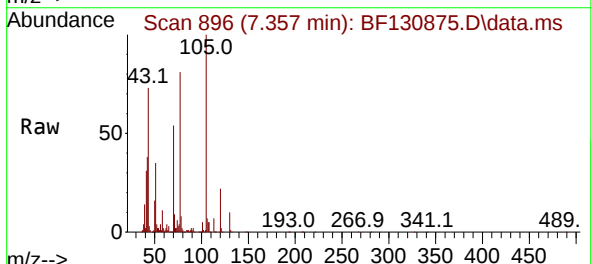
Instrument :
BNA_F
ClientSampleId :
PB148618BSD



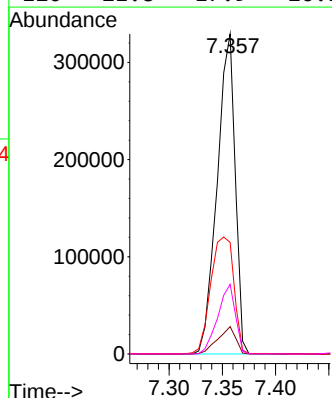
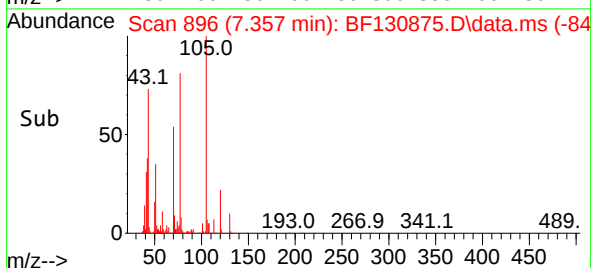
Tgt Ion:136 Resp: 333073
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.1 8.8 13.2
68 5.3 5.2 7.8

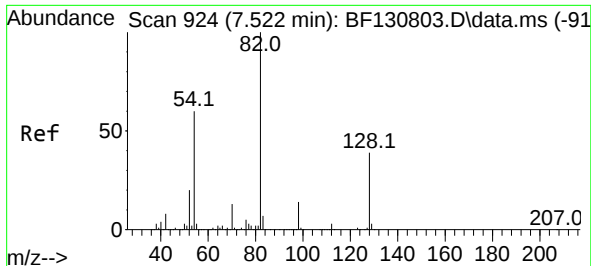


#22
Acetophenone
Concen: 47.826 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33



Tgt Ion:105 Resp: 386221
Ion Ratio Lower Upper
105 100
71 8.5 7.2 10.8
51 34.9 25.9 38.9
120 21.8 17.9 26.9

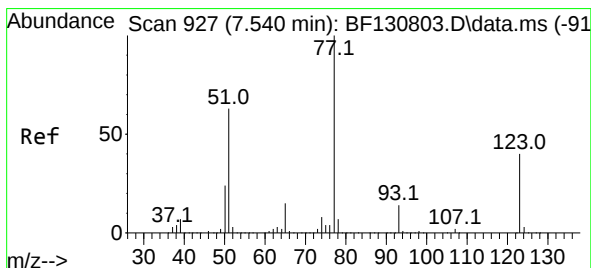
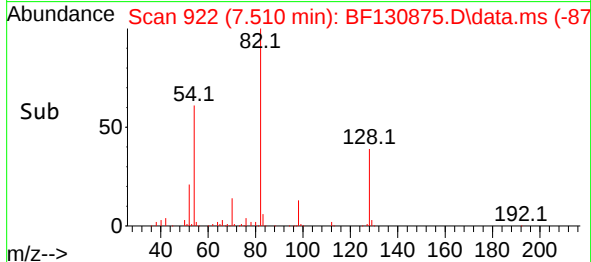
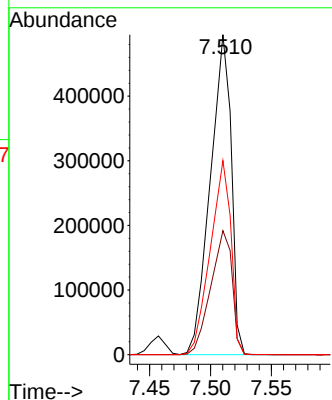
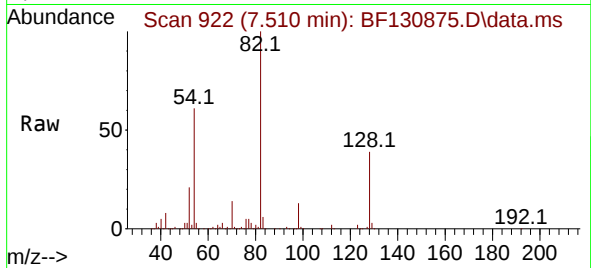




#23
Nitrobenzene-d5
Concen: 107.089 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

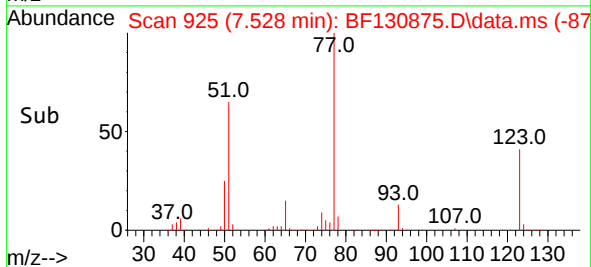
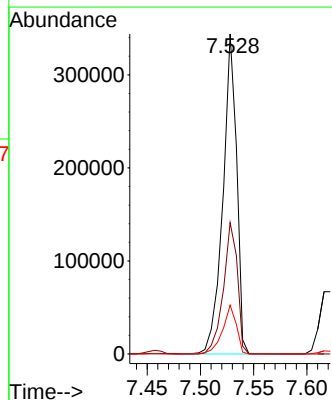
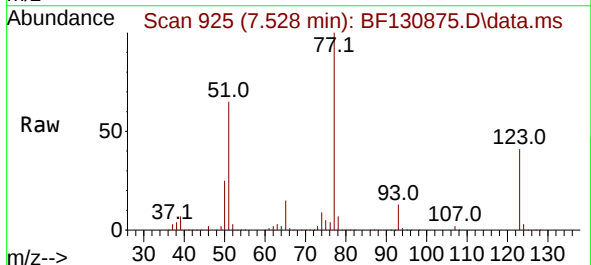
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

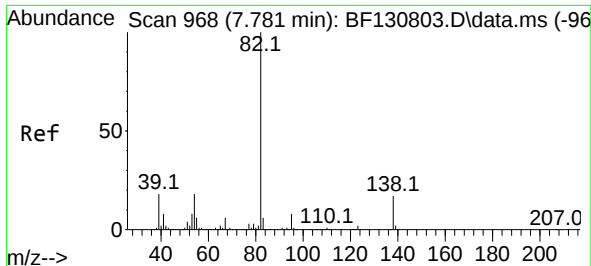
Tgt Ion: 82 Resp: 591530
Ion Ratio Lower Upper
82 100
128 38.7 31.2 46.8
54 60.7 48.0 72.0



#24
Nitrobenzene
Concen: 50.936 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion: 77 Resp: 307654
Ion Ratio Lower Upper
77 100
123 41.1 32.2 48.2
65 15.2 12.0 18.0

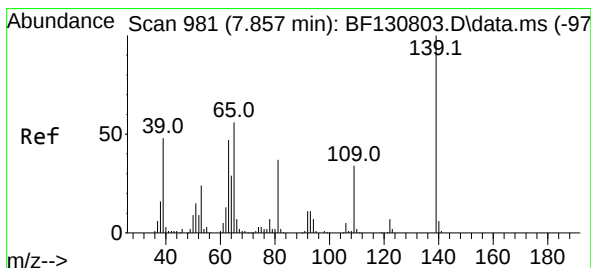
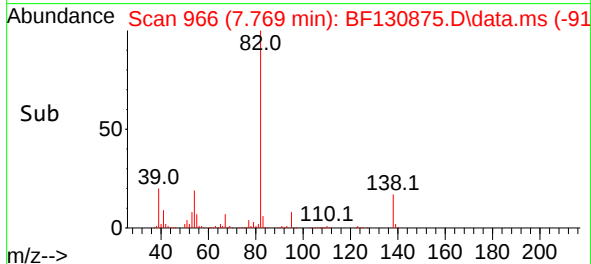
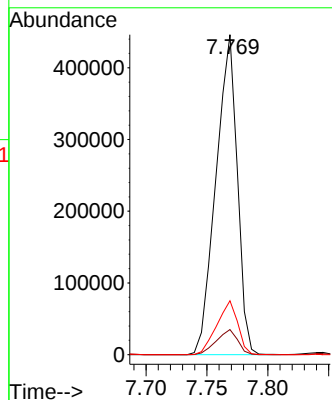
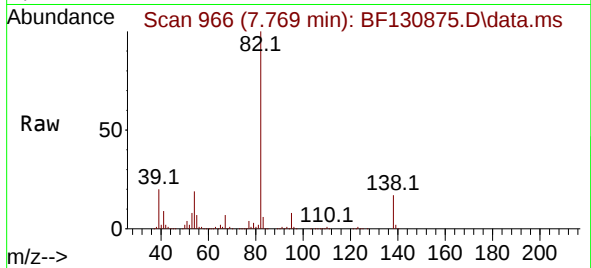




#25
Isophorone
Concen: 47.857 ng
RT: 7.769 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

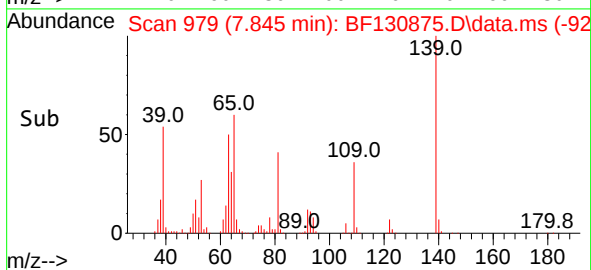
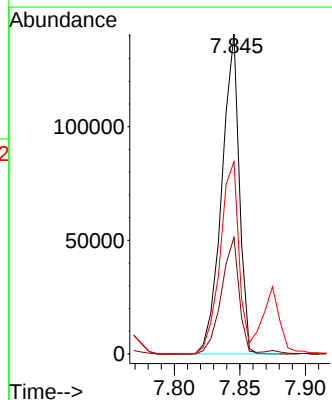
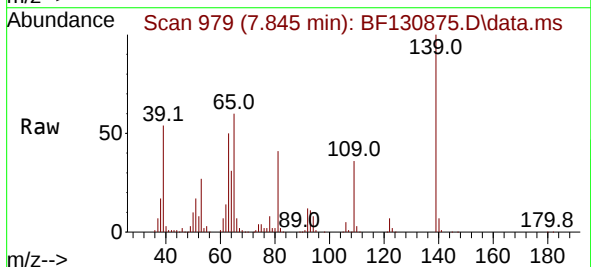
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

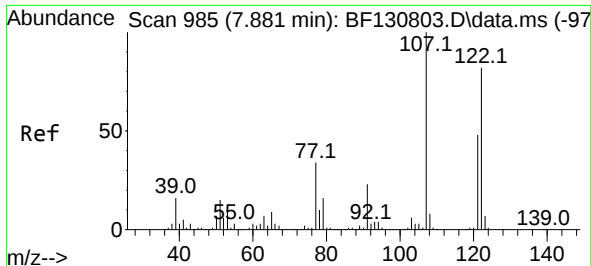
Tgt Ion: 82 Resp: 545116
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 16.8 13.8 20.6



#26
2-Nitrophenol
Concen: 54.234 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:139 Resp: 130535
Ion Ratio Lower Upper
139 100
109 36.4 27.3 40.9
65 60.1 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 52.275 ng

RT: 7.875 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB148618BSD

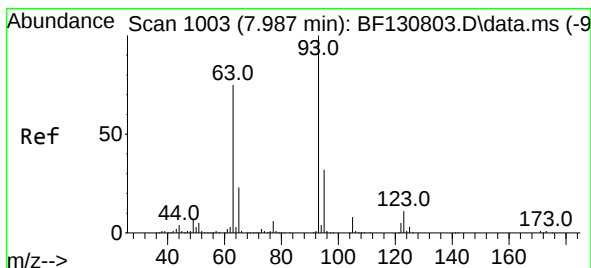
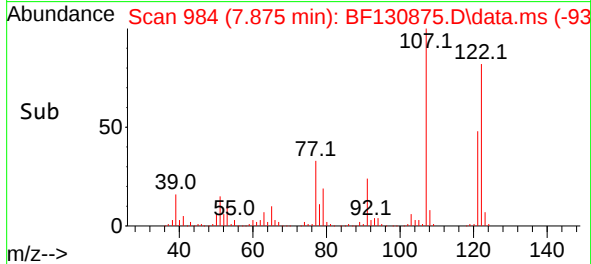
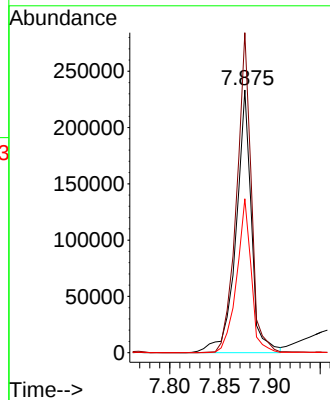
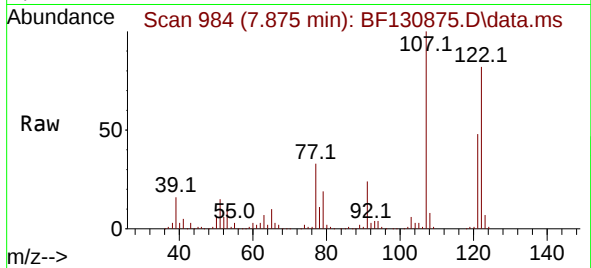
Tgt Ion:122 Resp: 247812

Ion Ratio Lower Upper

122 100

107 121.8 97.1 145.7

121 58.6 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 50.258 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

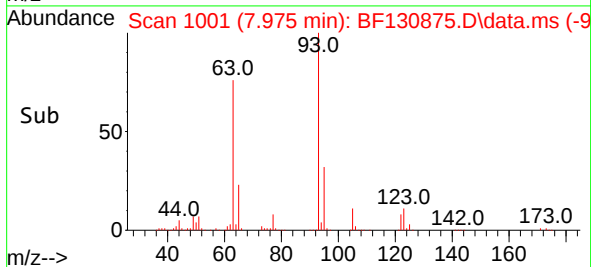
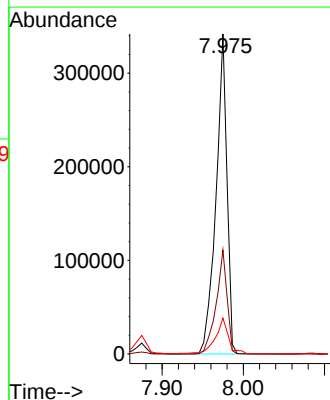
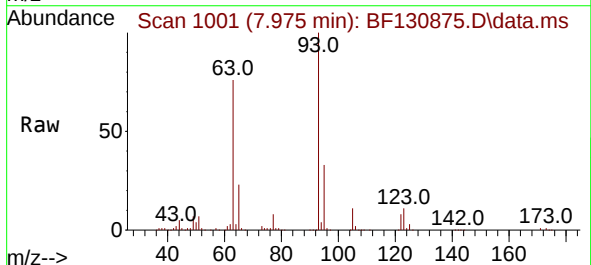
Tgt Ion: 93 Resp: 319716

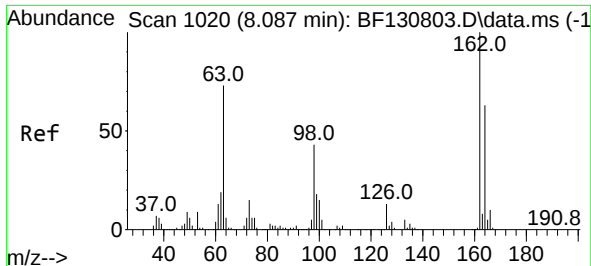
Ion Ratio Lower Upper

93 100

95 32.5 25.7 38.5

123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.109 ng

RT: 8.087 min Scan# 1020

Delta R.T. 0.006 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB148618BSD

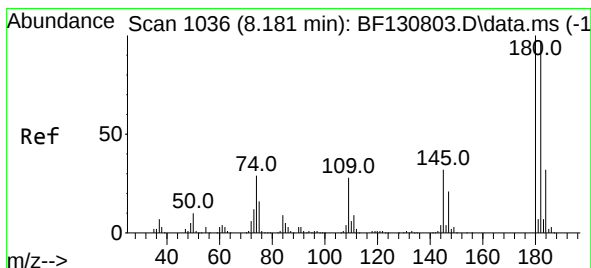
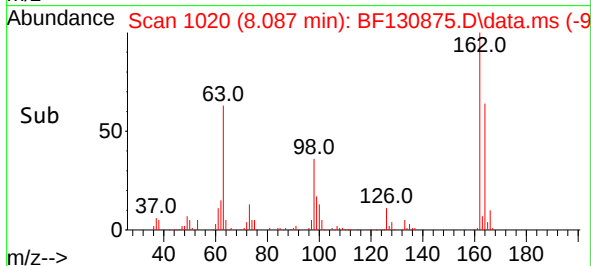
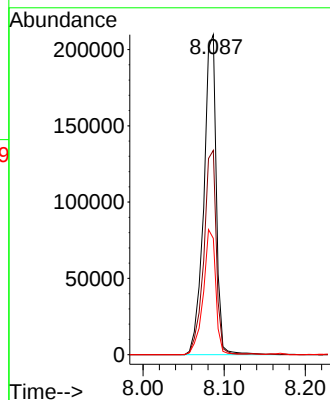
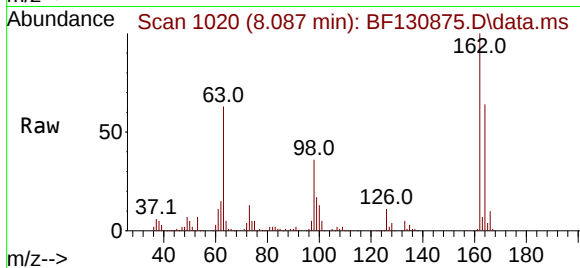
Tgt Ion:162 Resp: 224857

Ion Ratio Lower Upper

162 100

164 63.8 43.2 83.2

98 36.3 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 45.311 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

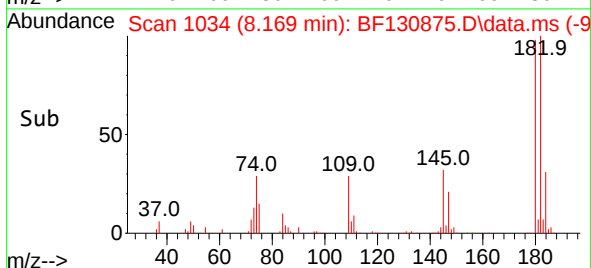
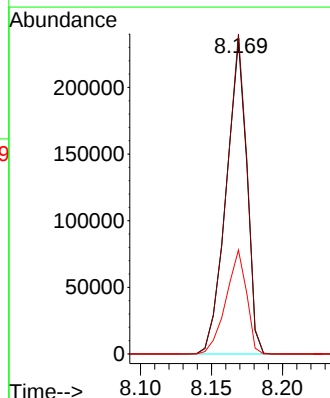
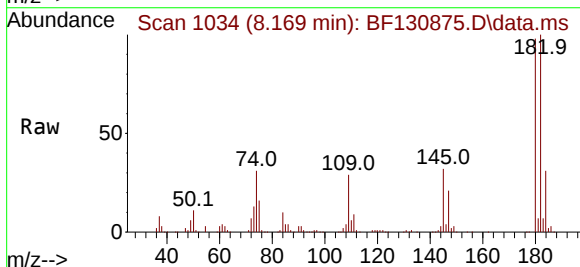
Tgt Ion:180 Resp: 237607

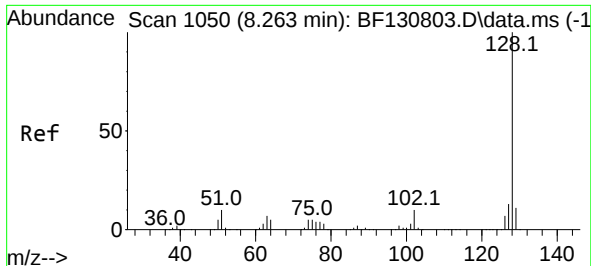
Ion Ratio Lower Upper

180 100

182 102.2 77.7 116.5

145 33.2 25.9 38.9

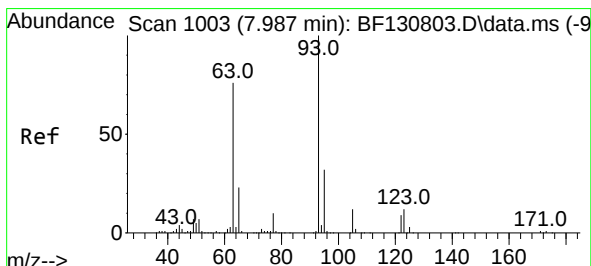
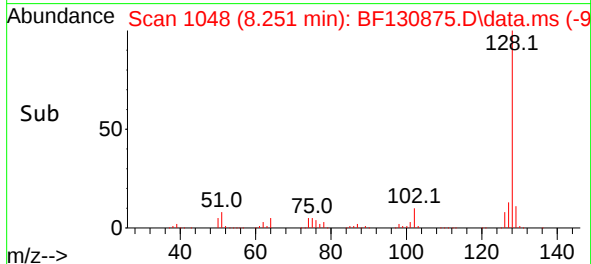
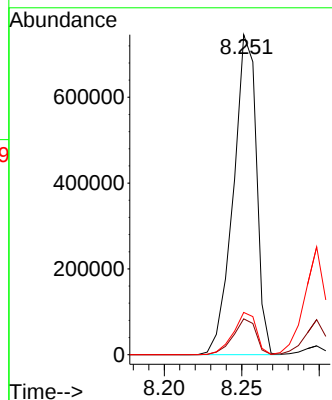
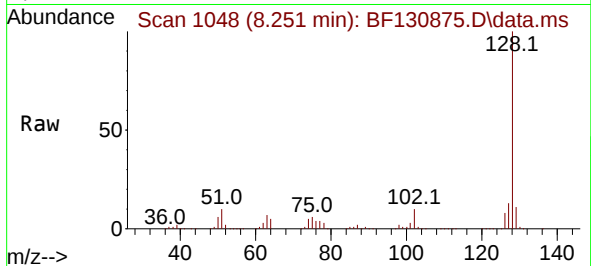




#31
Naphthalene
Concen: 44.478 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

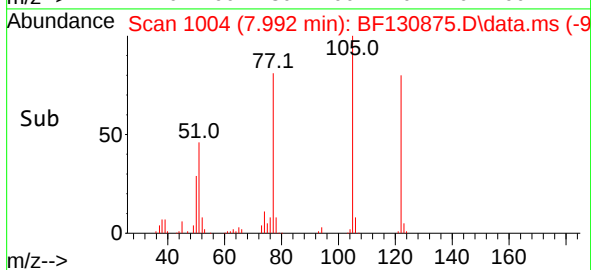
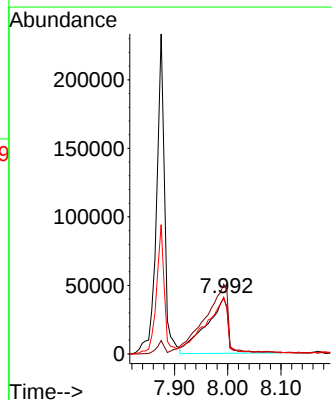
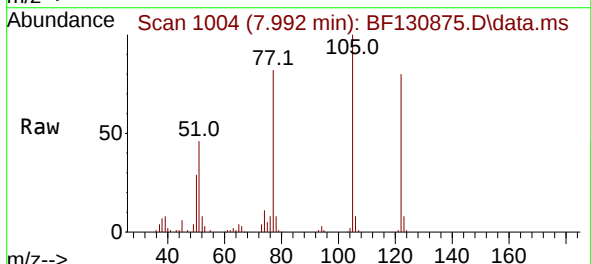
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

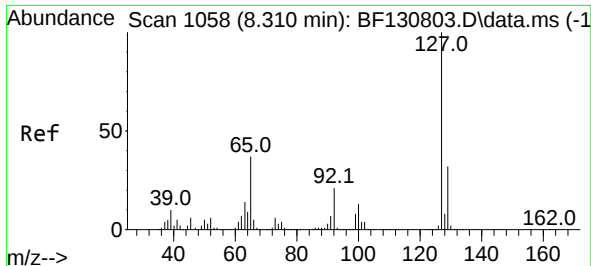
Tgt Ion:128 Resp: 772928
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 37.009 ng
RT: 7.992 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:122 Resp: 117632
Ion Ratio Lower Upper
122 100
105 125.0 114.5 154.5
77 102.0 89.8 129.8

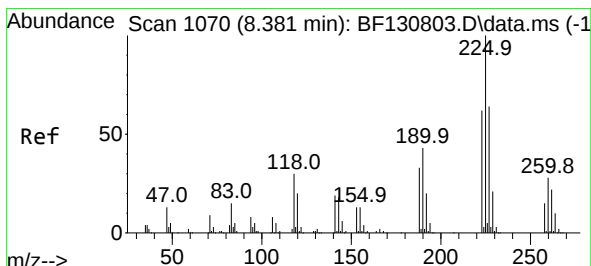
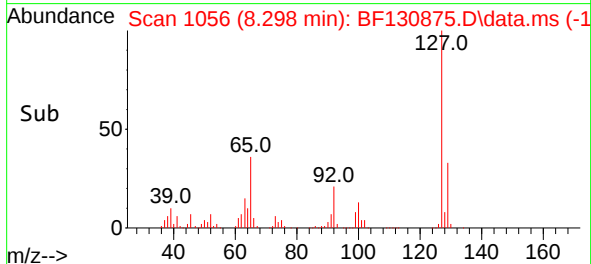
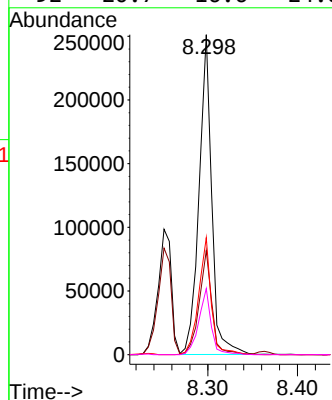
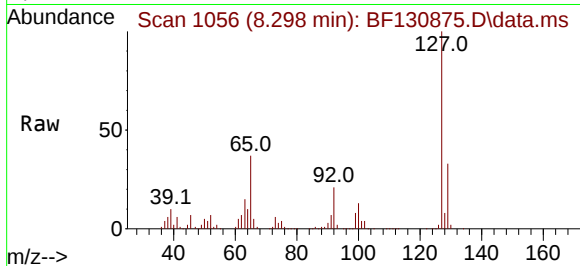




#33
4-Chloroaniline
Concen: 35.926 ng
RT: 8.298 min Scan# 1066
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

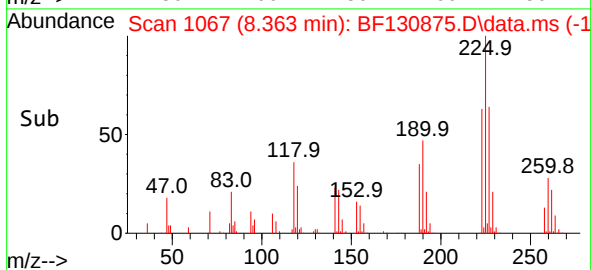
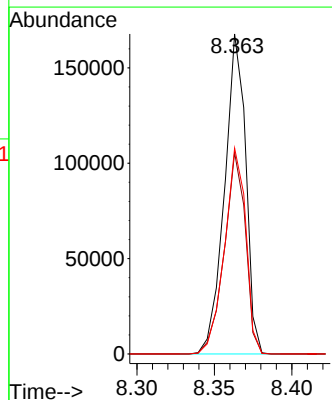
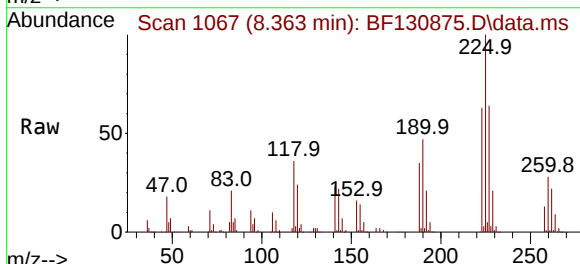
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

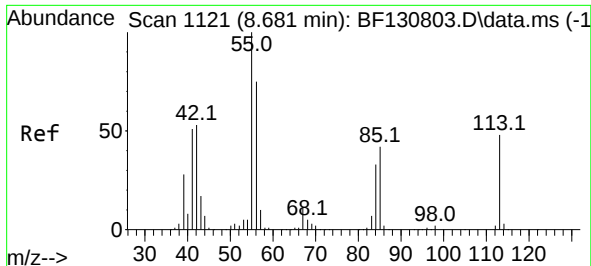
Tgt Ion	127	Resp:	246695
	Ratio	Lower	Upper
127	100		
129	32.6	25.6	38.4
65	36.6	29.4	44.2
92	20.7	16.6	24.8



#34
Hexachlorobutadiene
Concen: 45.863 ng
RT: 8.363 min Scan# 1067
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:225	Resp: 159652
Ion Ratio	Lower Upper
225 100	
223 62.9	49.9 74.9
227 64.4	51.5 77.3

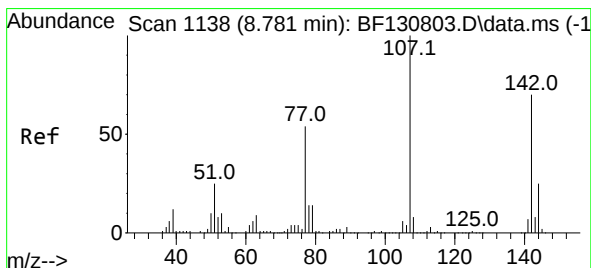
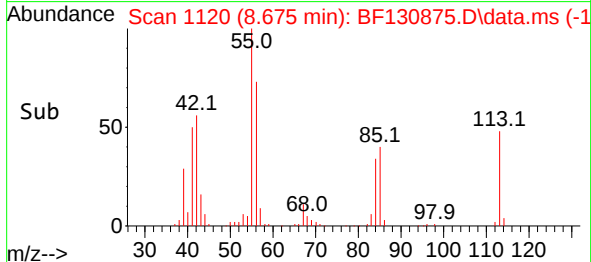
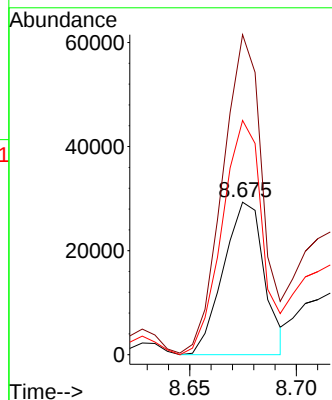
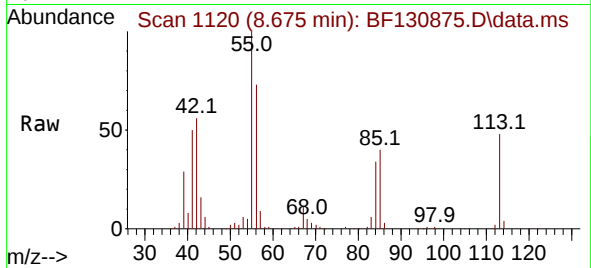




#35
 Caprolactam
 Concen: 25.118 ng
 RT: 8.675 min Scan# 1121
 Delta R.T. -0.006 min
 Lab File: BF130875.D
 Acq: 31 Oct 2022 12:33

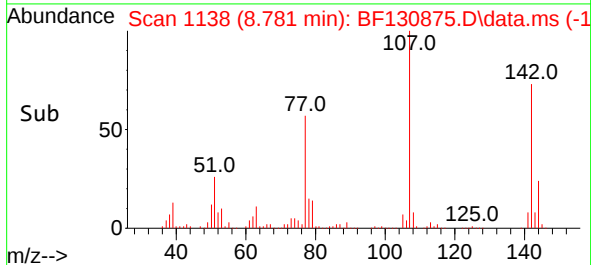
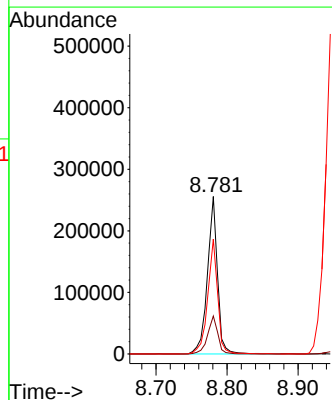
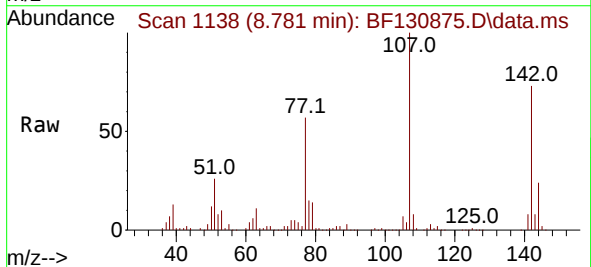
Instrument :
 BNA_F
 ClientSampleId :
 PB148618BSD

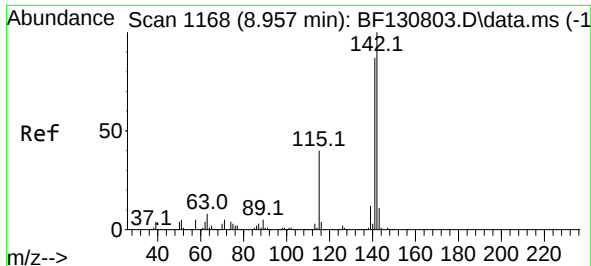
Tgt Ion:113 Resp: 39253
 Ion Ratio Lower Upper
 113 100
 55 209.8 187.0 227.0
 56 153.6 134.2 174.2



#36
 4-Chloro-3-methylphenol
 Concen: 47.913 ng
 RT: 8.781 min Scan# 1138
 Delta R.T. 0.006 min
 Lab File: BF130875.D
 Acq: 31 Oct 2022 12:33

Tgt Ion:107 Resp: 253447
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.8 29.8
 142 73.0 56.0 84.0





#37

2-Methylnaphthalene

Concen: 45.205 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

Instrument :

BNA_F

ClientSampleId :

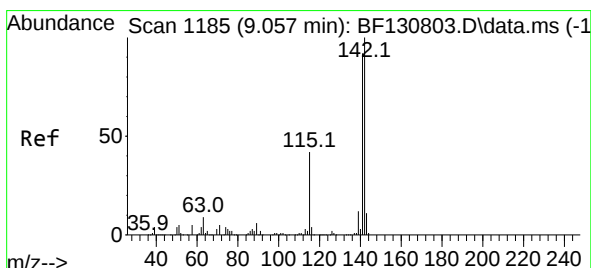
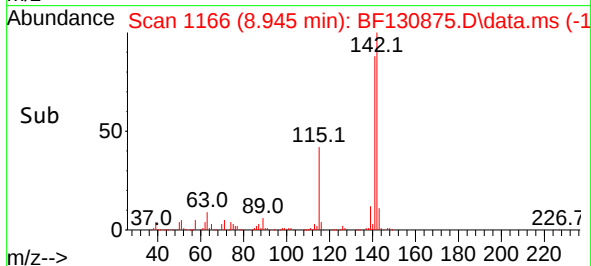
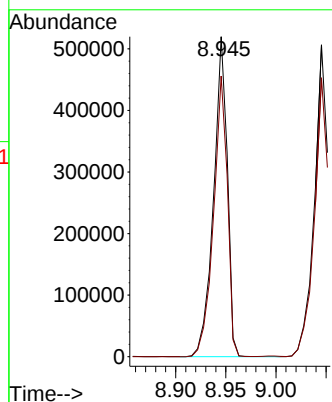
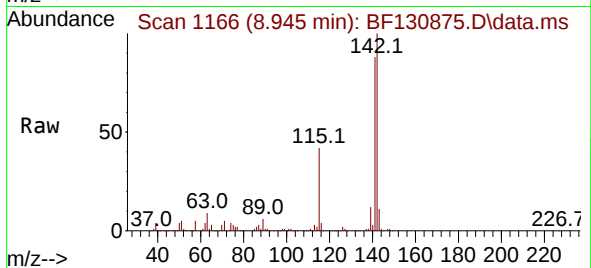
PB148618BSD

Tgt Ion:142 Resp: 494128

Ion Ratio Lower Upper

142 100

141 87.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 44.163 ng

RT: 9.045 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF130875.D

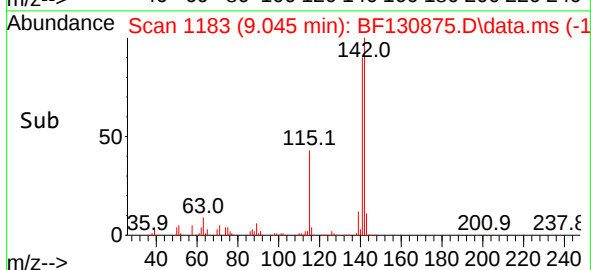
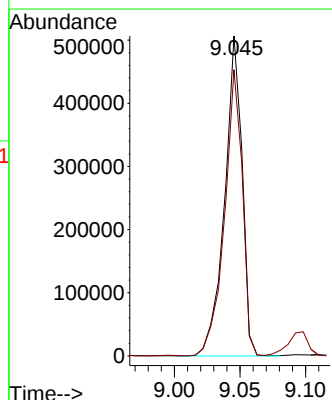
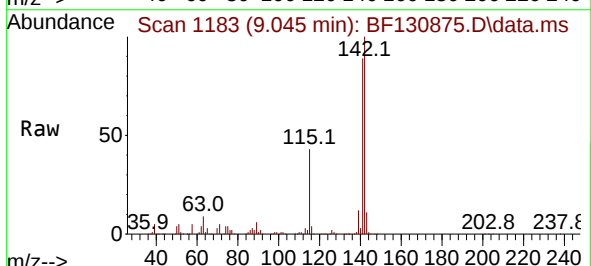
Acq: 31 Oct 2022 12:33

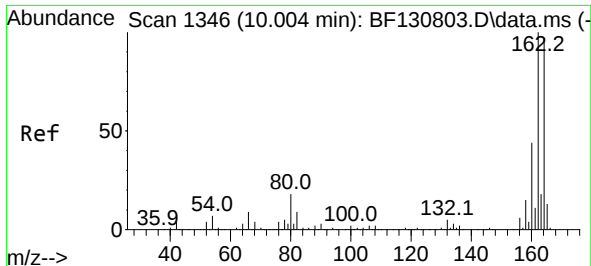
Tgt Ion:142 Resp: 469798

Ion Ratio Lower Upper

142 100

141 89.4 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB148618BSD

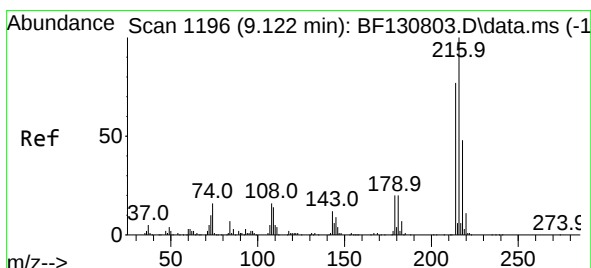
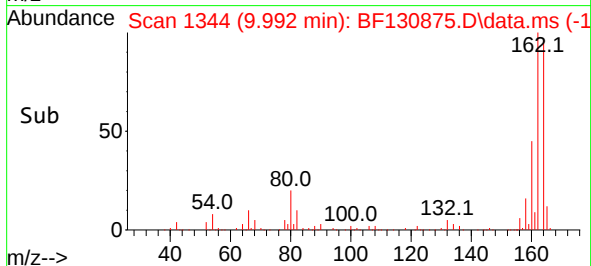
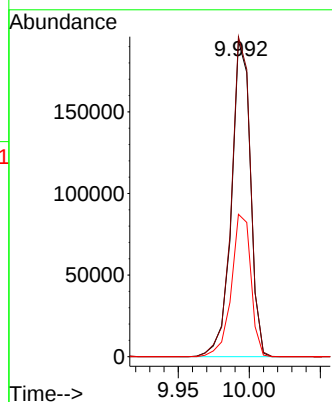
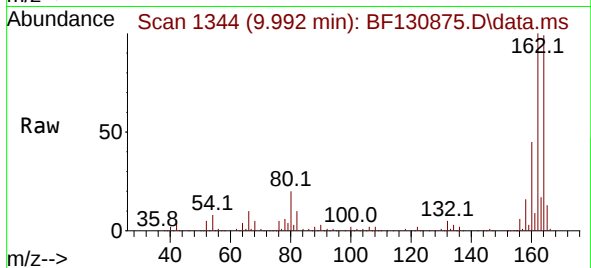
Tgt Ion:164 Resp: 179487

Ion Ratio Lower Upper

164 100

162 101.3 82.2 123.2

160 45.1 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.743 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

Tgt Ion:216 Resp: 248099

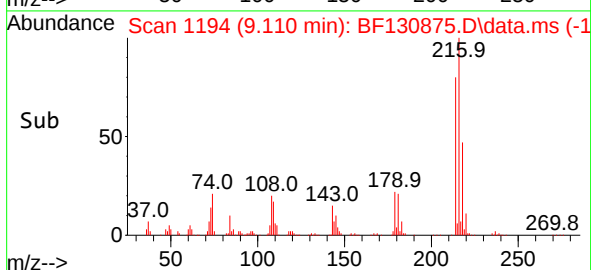
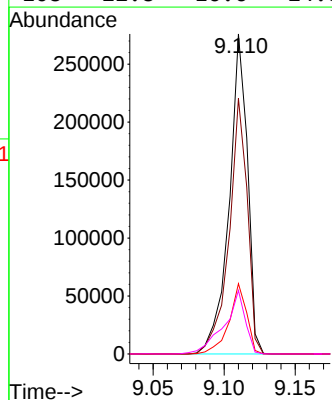
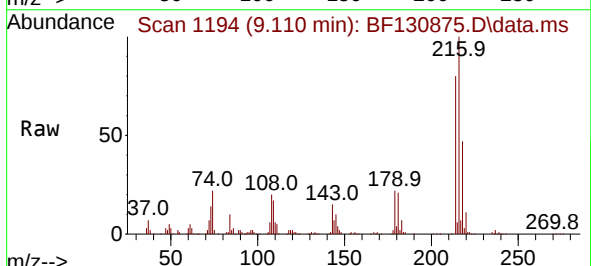
Ion Ratio Lower Upper

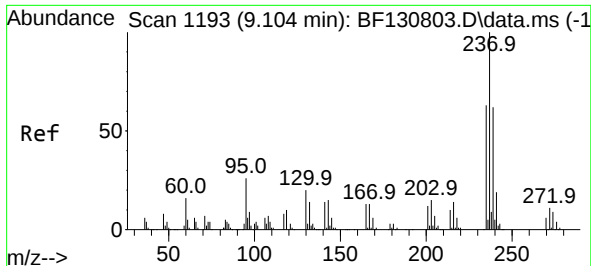
216 100

214 79.2 62.7 94.1

179 21.1 16.9 25.3

108 22.8 16.6 24.8

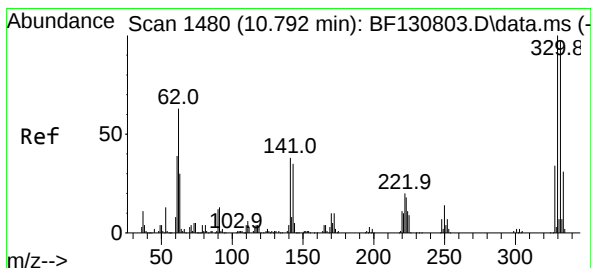
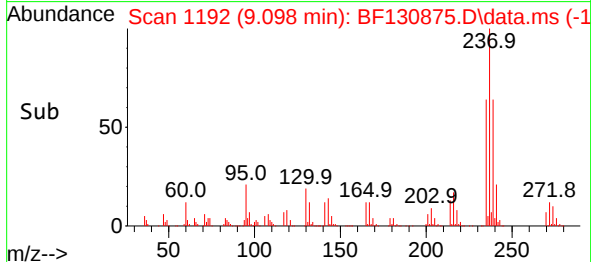
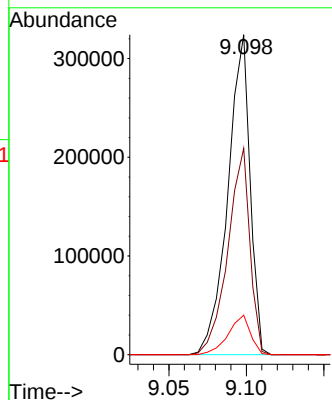
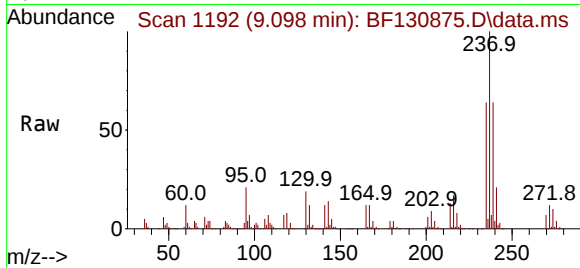




#41
Hexachlorocyclopentadiene
Concen: 120.908 ng
RT: 9.098 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

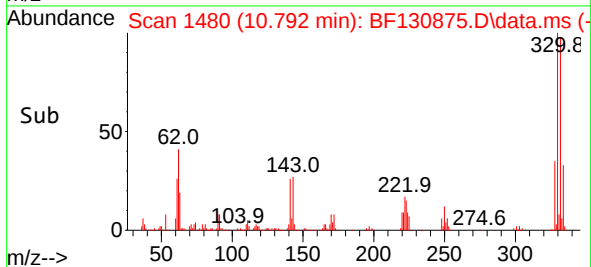
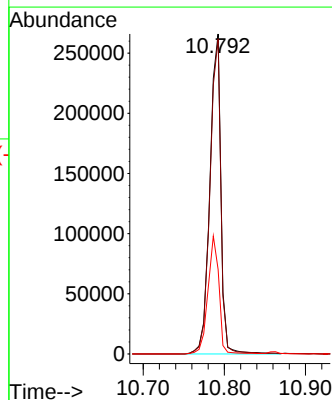
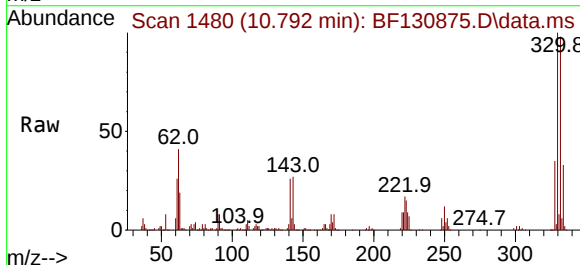
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

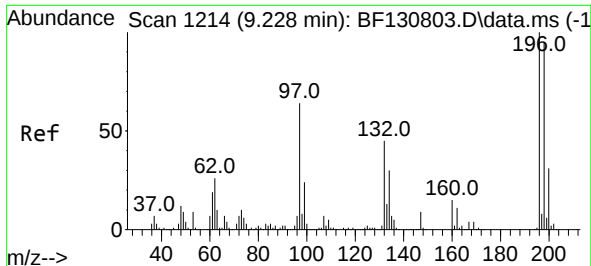
Tgt Ion:237 Resp: 323354
Ion Ratio Lower Upper
237 100
235 64.5 43.5 83.5
272 12.3 0.0 31.4



#42
2,4,6-Tribromophenol
Concen: 165.141 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:330 Resp: 249515
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 36.9 31.4 47.0

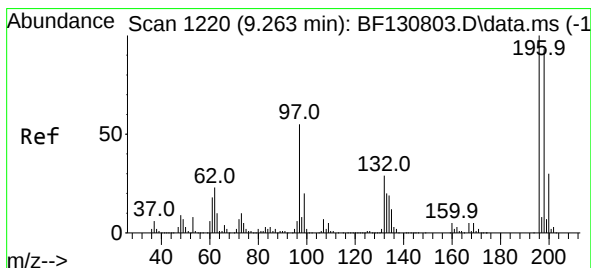
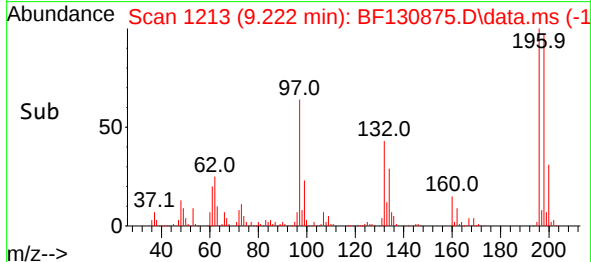
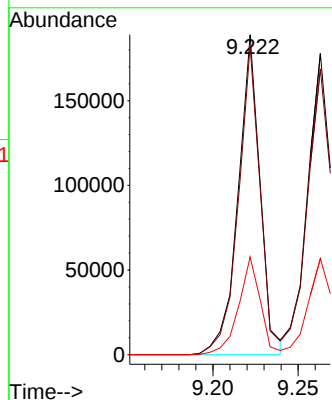
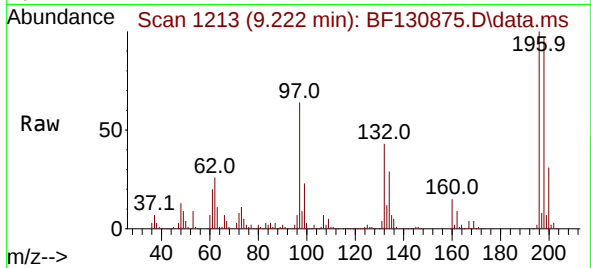




#43
2,4,6-Trichlorophenol
Concen: 47.833 ng
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

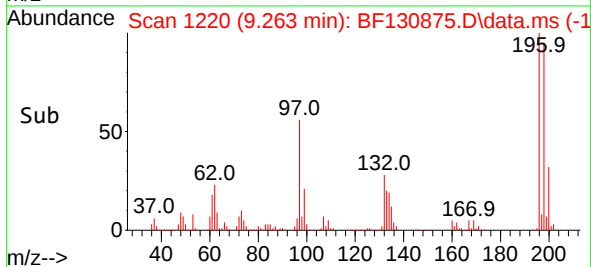
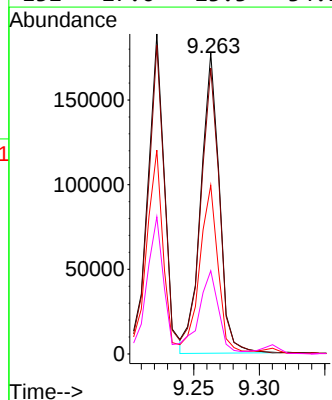
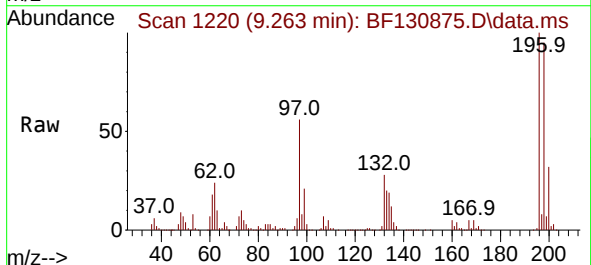
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

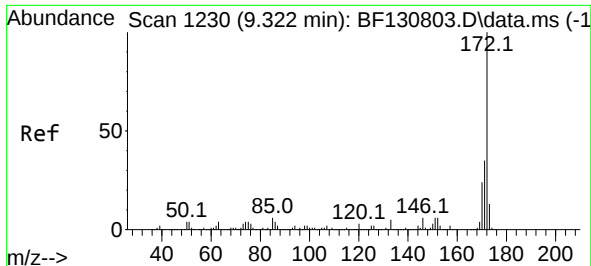
Tgt Ion:196 Resp: 169178
Ion Ratio Lower Upper
196 100
198 96.5 76.1 114.1
200 30.5 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 46.327 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:196 Resp: 175056
Ion Ratio Lower Upper
196 100
198 94.9 74.6 112.0
97 56.0 44.7 67.1
132 27.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 89.163 ng

RT: 9.310 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB148618BSD

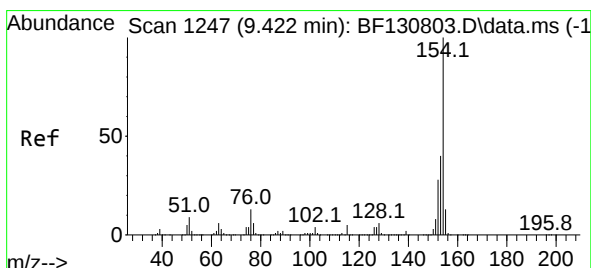
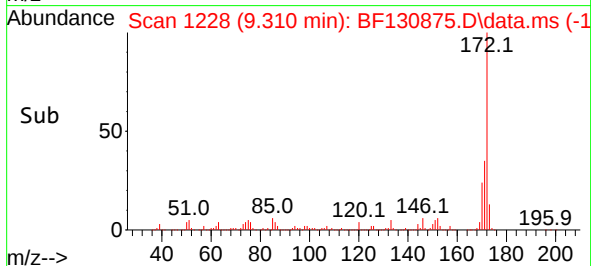
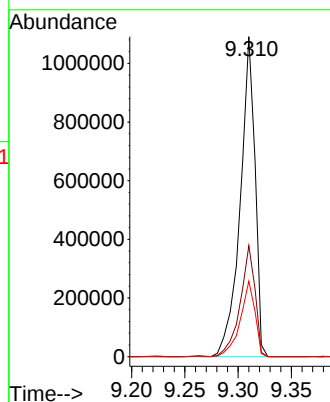
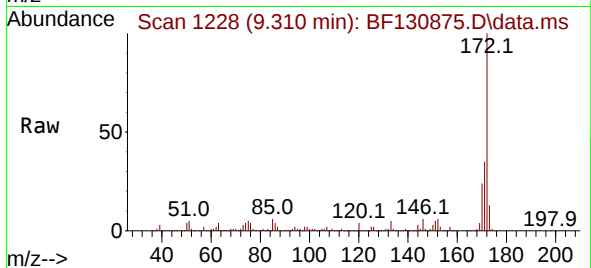
Tgt Ion:172 Resp: 1058523

Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 47.968 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

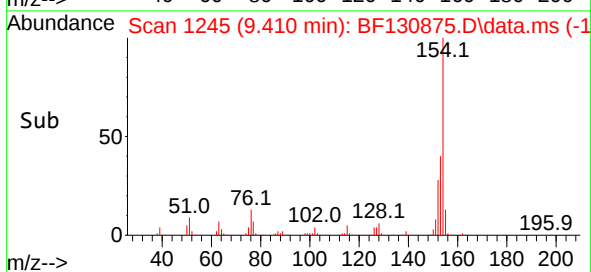
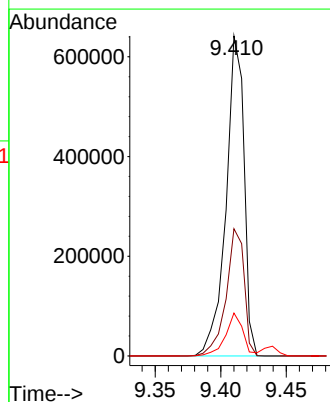
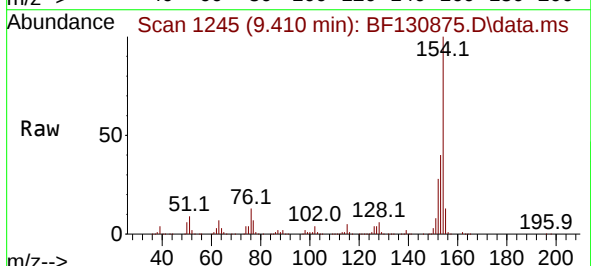
Tgt Ion:154 Resp: 613397

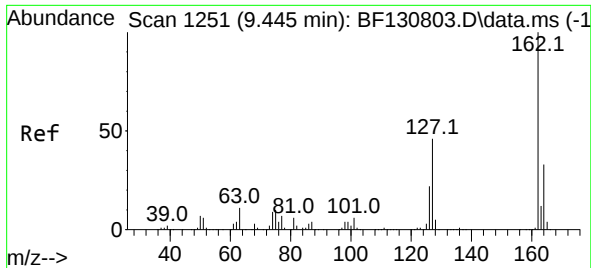
Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

76 13.4 0.0 32.5

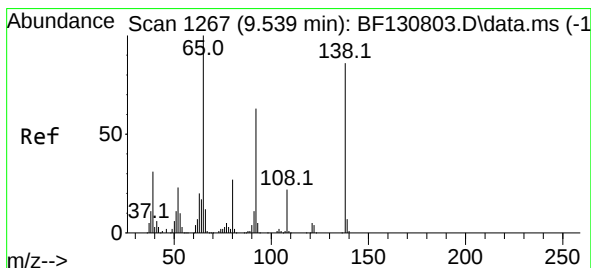
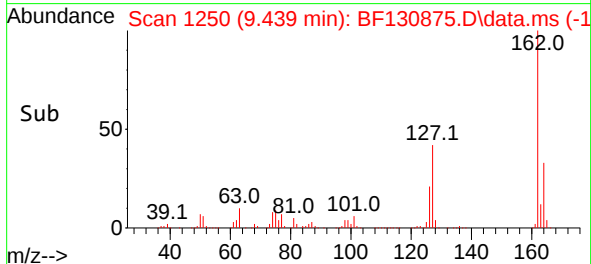
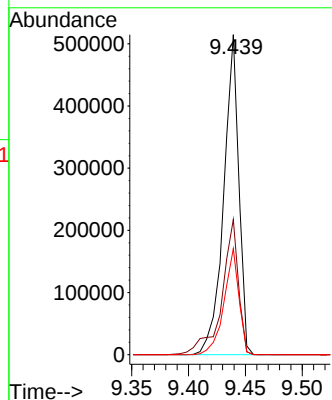
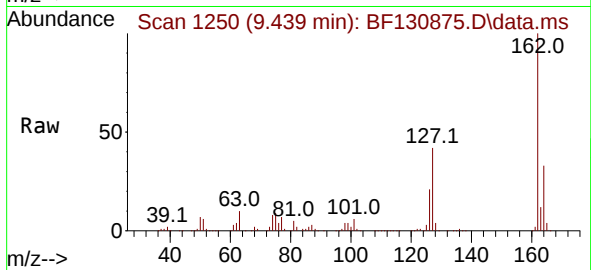




#47
2-Chloronaphthalene
Concen: 46.566 ng
RT: 9.439 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

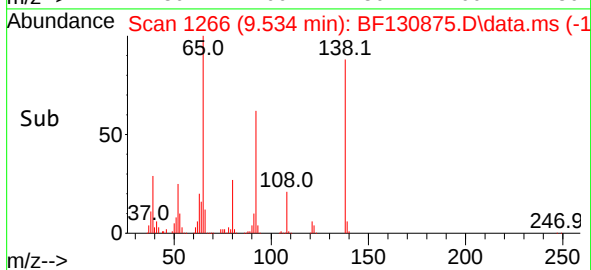
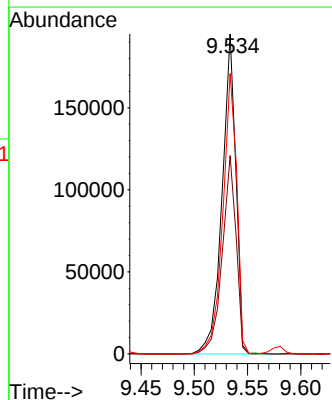
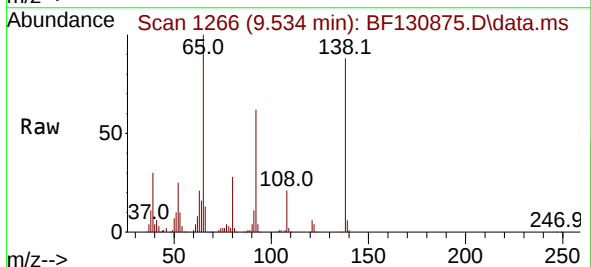
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

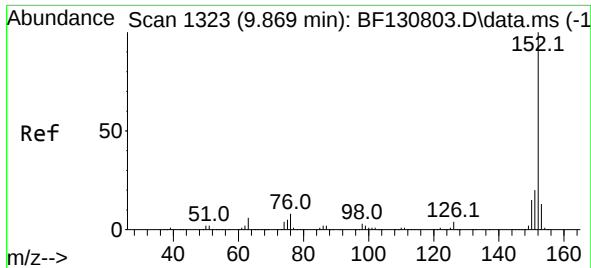
Tgt Ion:162 Resp: 477484
Ion Ratio Lower Upper
162 100
127 42.2 36.6 54.8
164 33.2 26.5 39.7



#48
2-Nitroaniline
Concen: 52.436 ng
RT: 9.534 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion: 65 Resp: 174275
Ion Ratio Lower Upper
65 100
92 62.0 50.1 75.1
138 87.7 69.2 103.8

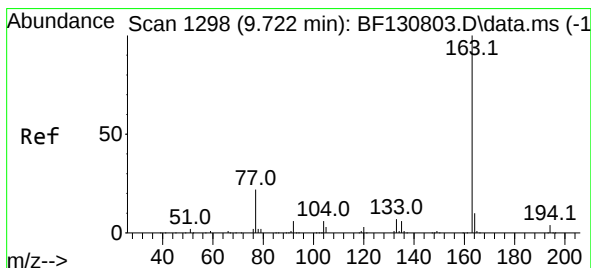
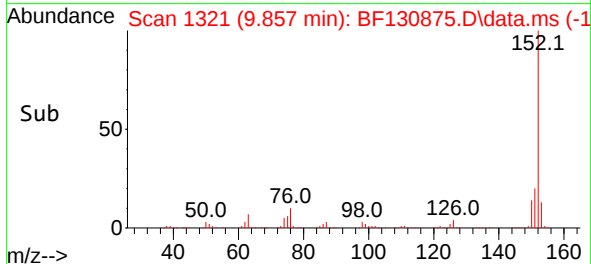
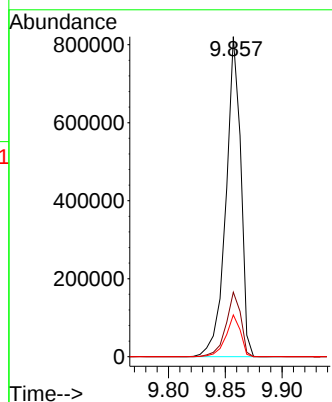
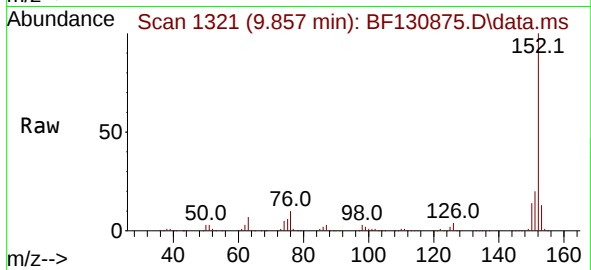




#49
Acenaphthylene
Concen: 45.920 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

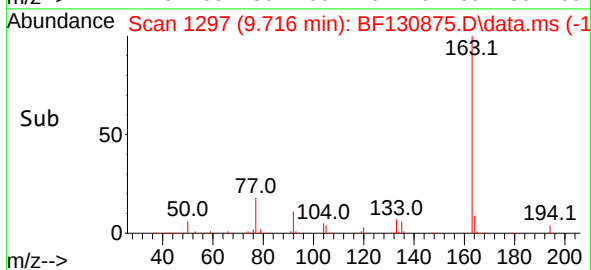
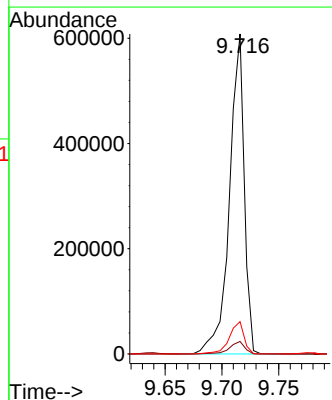
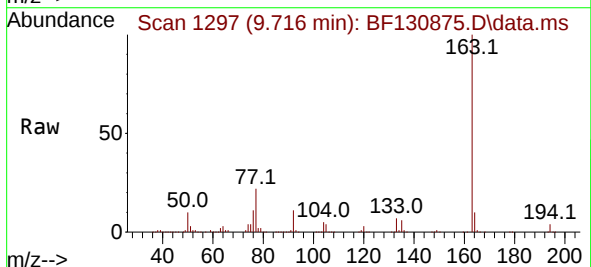
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

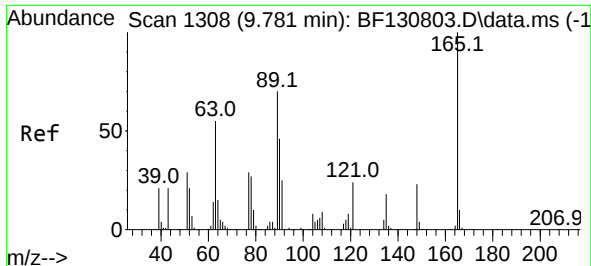
Tgt Ion:152 Resp: 744067
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.1 10.2 15.4



#50
Dimethylphthalate
Concen: 44.623 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:163 Resp: 550114
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 8.0 12.0

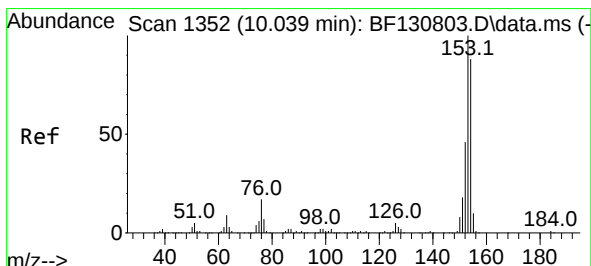
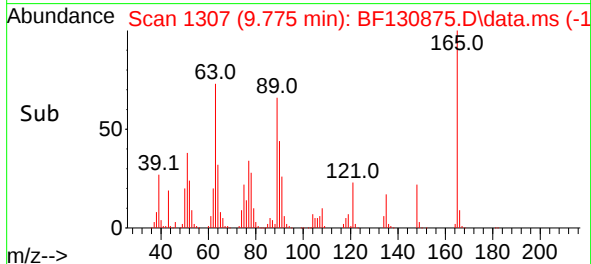
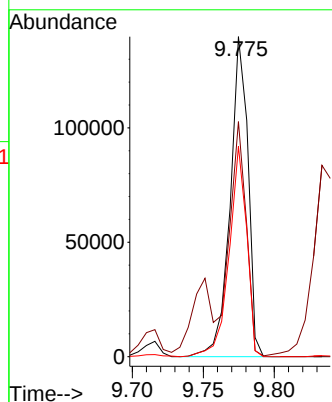
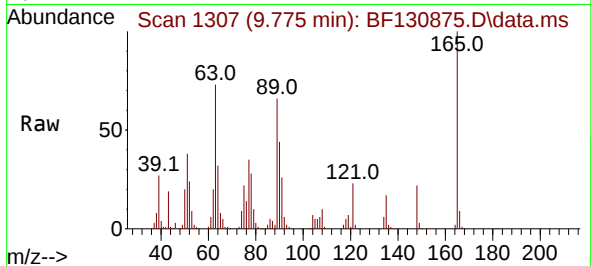




#51
2,6-Dinitrotoluene
Concen: 51.931 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

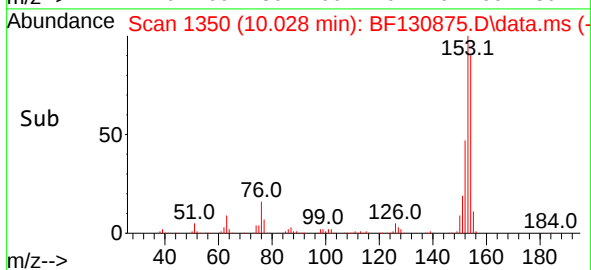
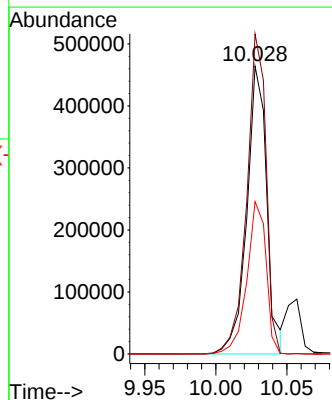
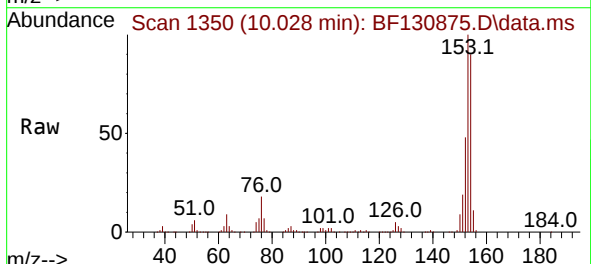
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

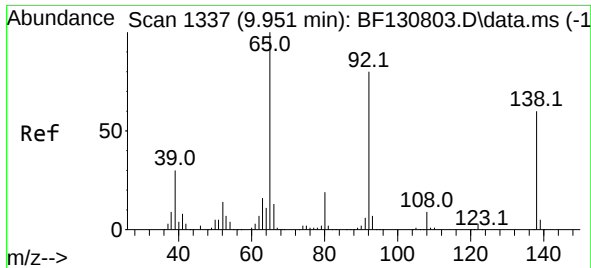
Tgt Ion:165 Resp: 122271
Ion Ratio Lower Upper
165 100
63 73.4 61.8 92.8
89 65.7 56.2 84.4



#52
Acenaphthene
Concen: 44.948 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:154 Resp: 450365
Ion Ratio Lower Upper
154 100
153 111.2 90.5 135.7
152 53.0 42.0 63.0





#53
3-Nitroaniline
Concen: 41.471 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

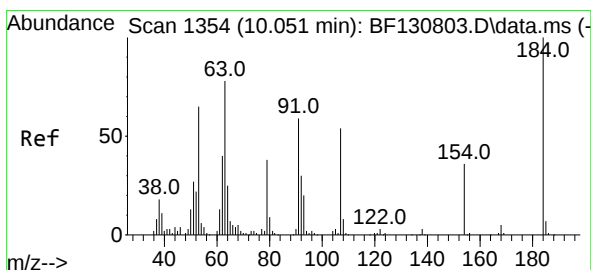
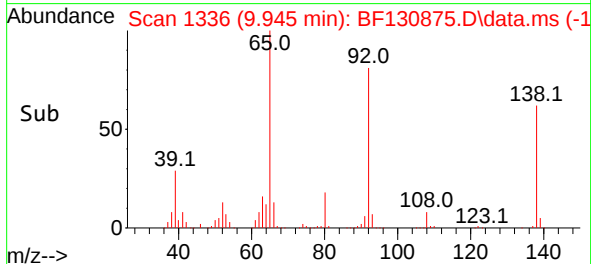
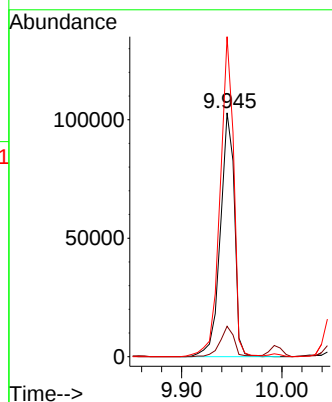
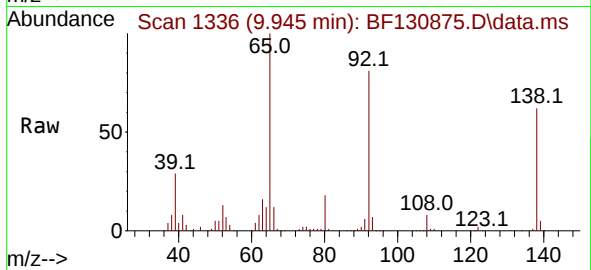
Instrument :

BNA_F

ClientSampleId :

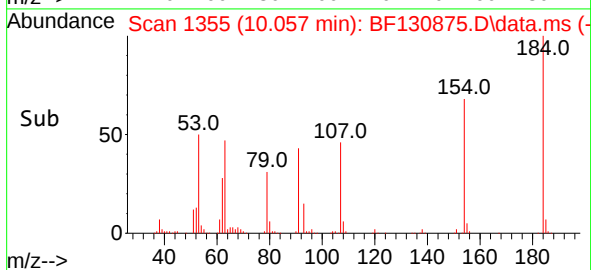
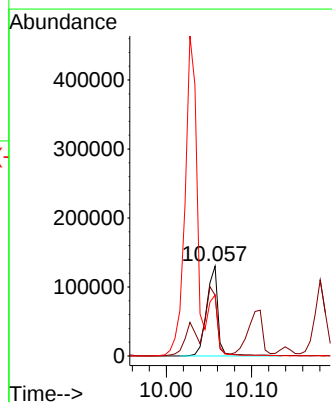
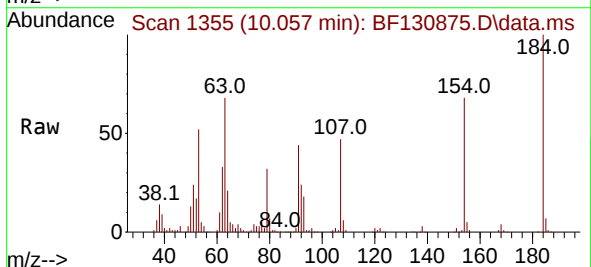
PB148618BSD

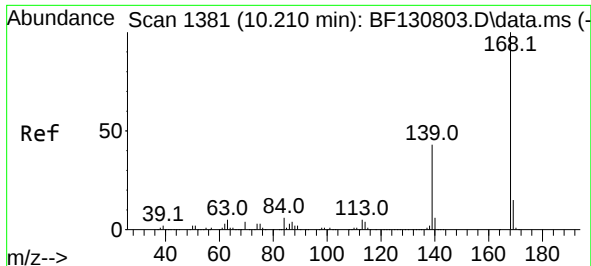
Tgt Ion:138 Resp: 99582
Ion Ratio Lower Upper
138 100
108 12.5 12.7 19.1#
92 131.2 107.8 161.8



#54
2,4-Dinitrophenol
Concen: 97.500 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:184 Resp: 120786
Ion Ratio Lower Upper
184 100
63 67.8 66.7 100.1
154 68.0 62.2 93.2

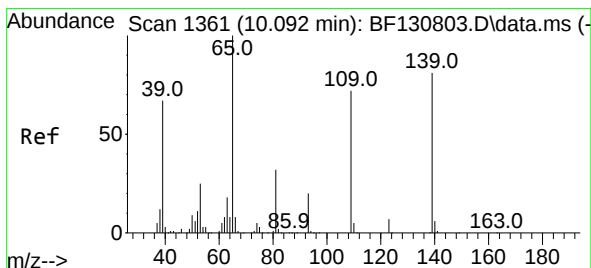
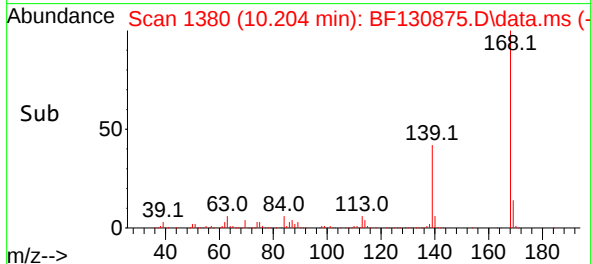
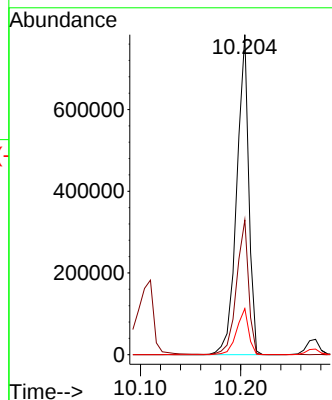
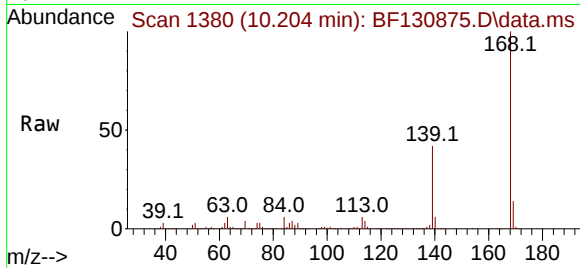




#55
Dibenzenofuran
Concen: 45.119 ng
RT: 10.204 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

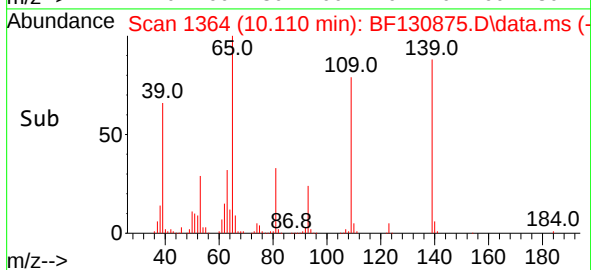
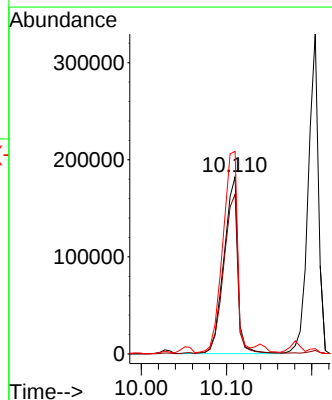
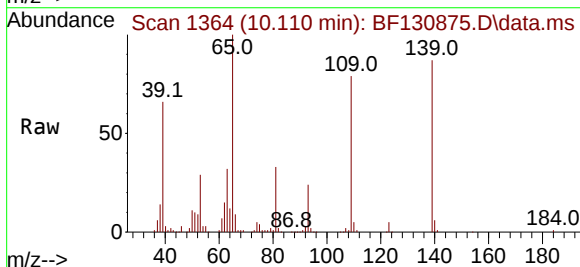
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

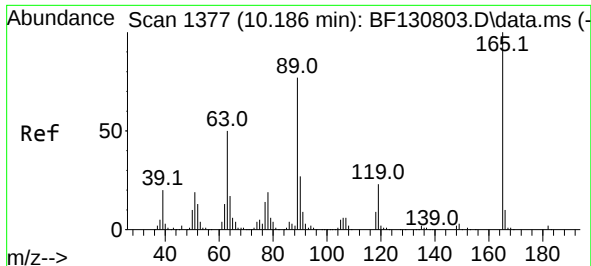
Tgt Ion:168 Resp: 655271
Ion Ratio Lower Upper
168 100
139 42.1 34.3 51.5
169 14.4 11.9 17.9



#56
4-Nitrophenol
Concen: 109.749 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.018 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

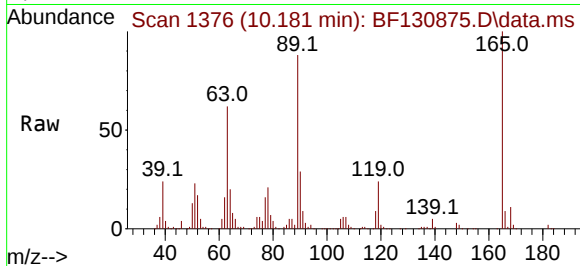
Tgt Ion:139 Resp: 208667
Ion Ratio Lower Upper
139 100
109 90.1 69.3 109.3
65 114.4 105.3 145.3



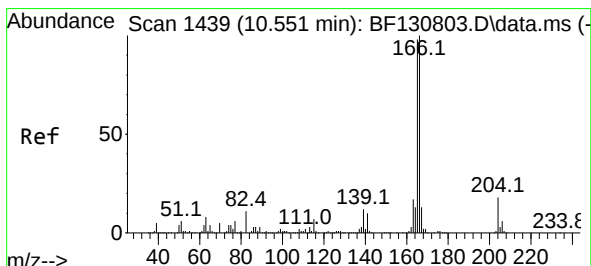
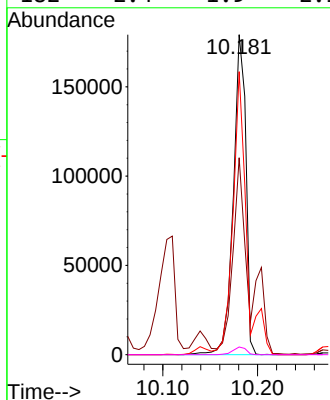
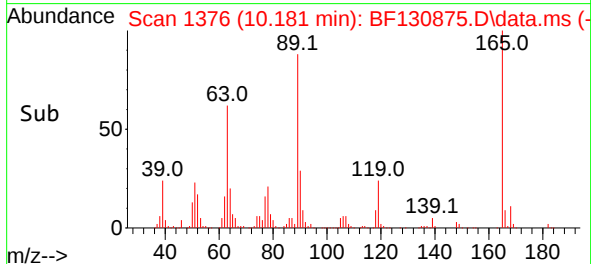


#57
2,4-Dinitrotoluene
Concen: 55.377 ng
RT: 10.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Instrument :
BNA_F
ClientSampleId :
PB148618BSD

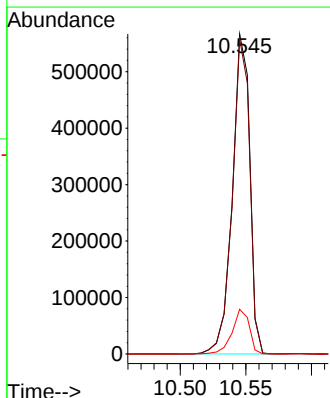
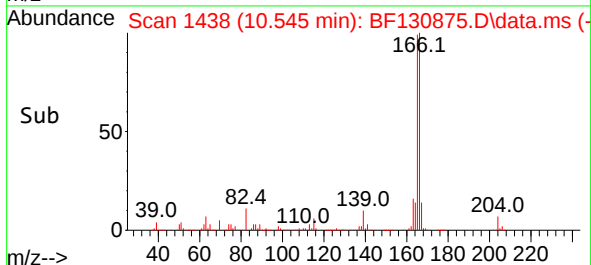
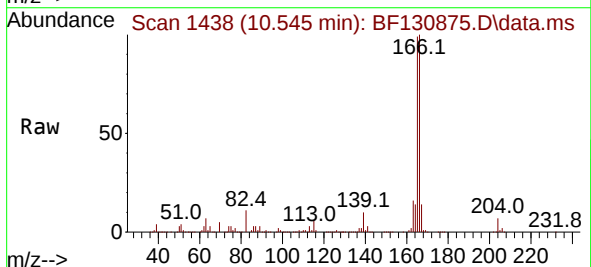


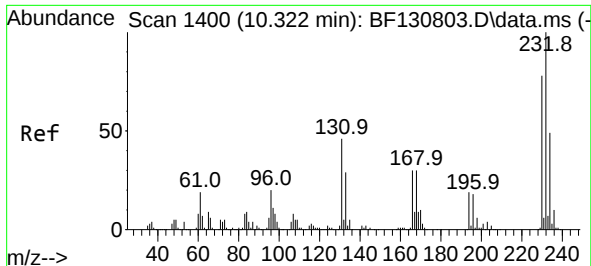
Tgt Ion:165 Resp: 164872
Ion Ratio Lower Upper
165 100
63 61.6 39.8 59.6#
89 88.5 61.9 92.9
182 2.4 1.9 2.9



#58
Fluorene
Concen: 45.927 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:166 Resp: 525211
Ion Ratio Lower Upper
166 100
165 98.5 78.1 117.1
167 14.0 10.4 15.6

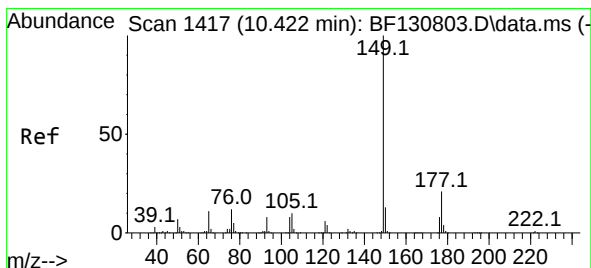
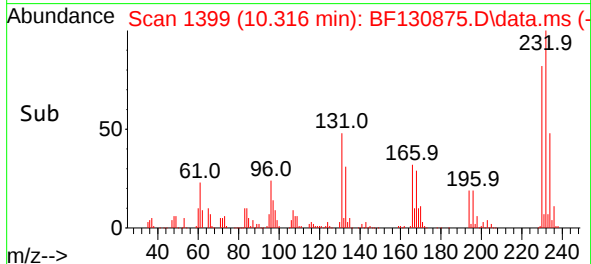
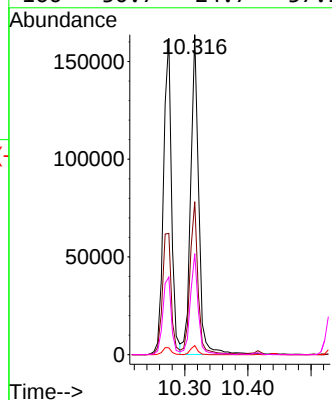
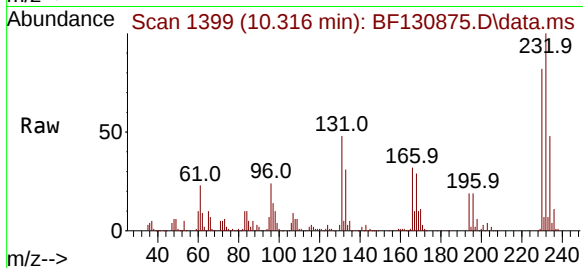




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.796 ng
RT: 10.316 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

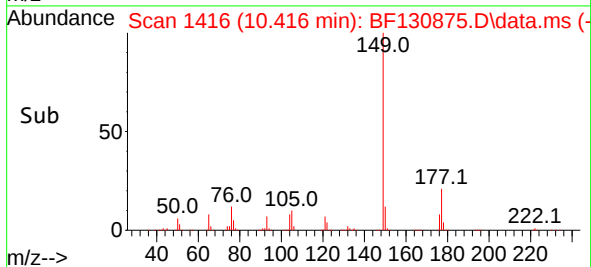
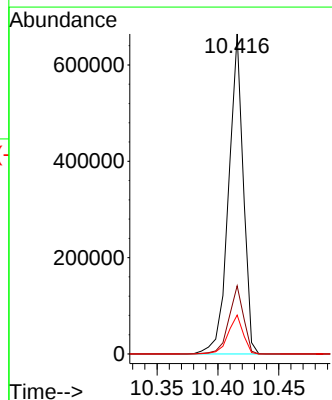
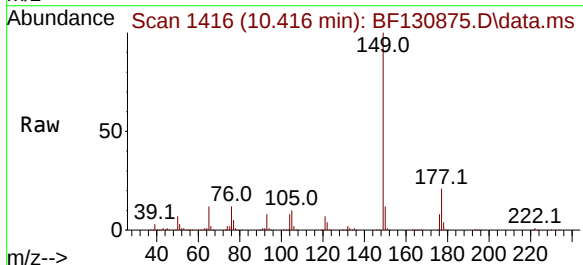
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

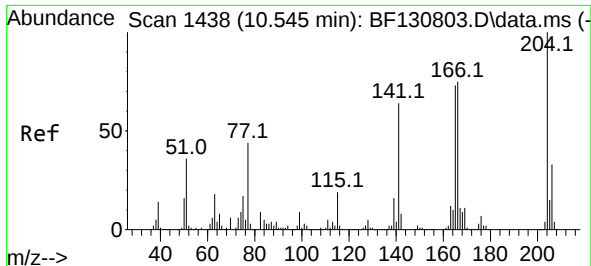
Tgt Ion:232 Resp: 145787
Ion Ratio Lower Upper
232 100
131 47.1 39.6 59.4
130 2.5 2.1 3.1
166 30.7 24.7 37.1



#60
Diethylphthalate
Concen: 45.920 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:149 Resp: 556749
Ion Ratio Lower Upper
149 100
177 21.3 17.2 25.8
150 12.2 10.8 16.2

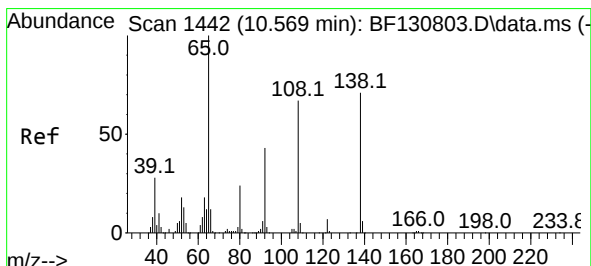
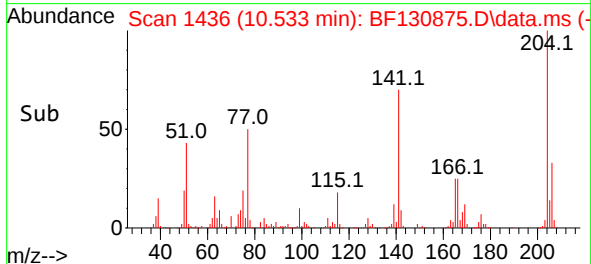
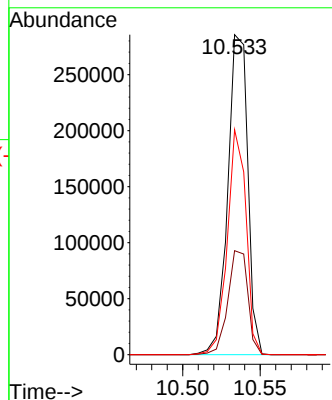
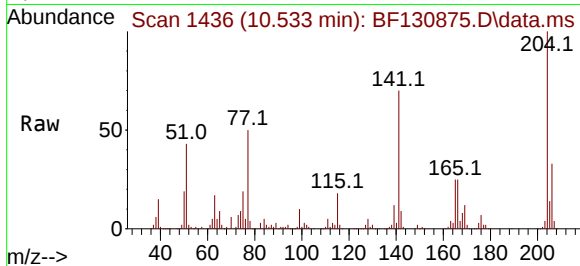




#61
4-Chlorophenyl-phenylether
Concen: 46.892 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

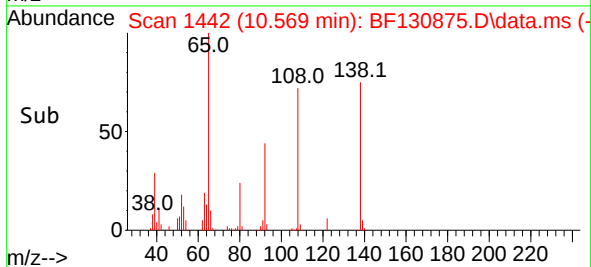
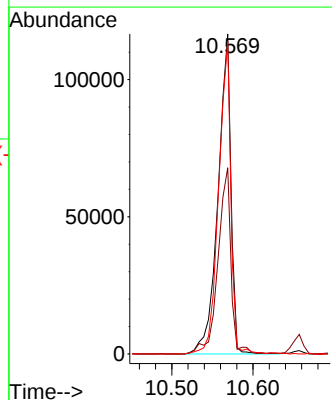
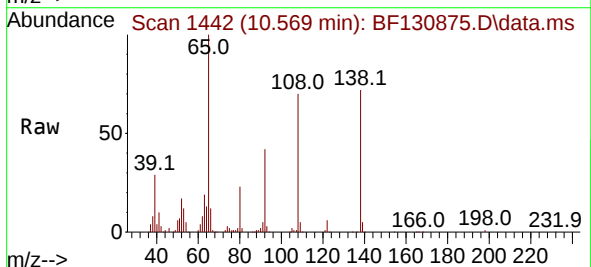
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

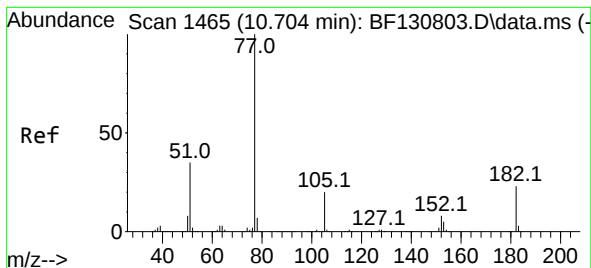
Tgt Ion:204 Resp: 256535
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 70.3 51.3 76.9



#62
4-Nitroaniline
Concen: 53.355 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:138 Resp: 129734
Ion Ratio Lower Upper
138 100
92 58.2 40.6 80.6
108 97.6 74.7 114.7





#63

Azobenzene

Concen: 45.065 ng

RT: 10.698 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB148618BSD

Tgt Ion: 77 Resp: 570359

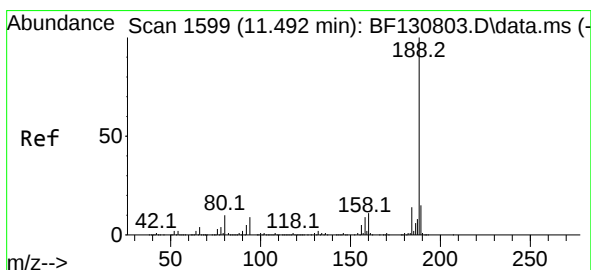
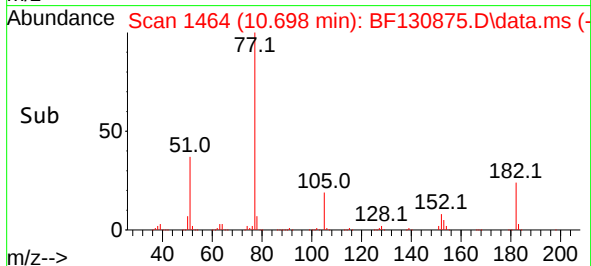
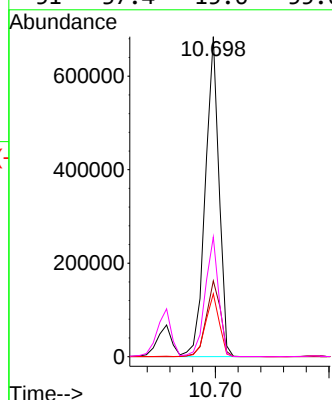
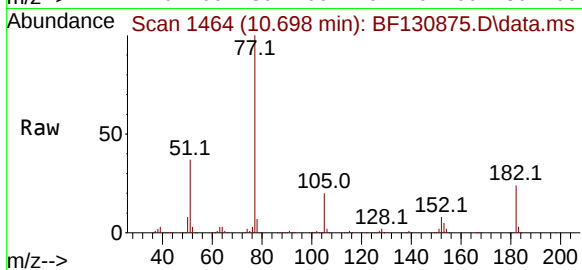
Ion Ratio Lower Upper

77 100

182 23.7 2.6 42.6

105 19.6 0.0 40.0

51 37.4 15.6 55.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

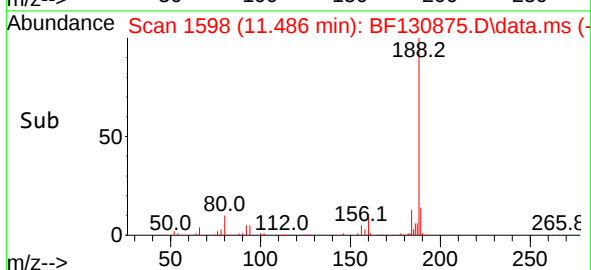
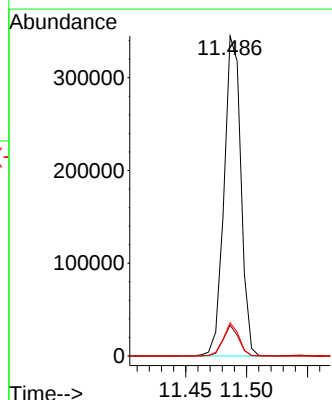
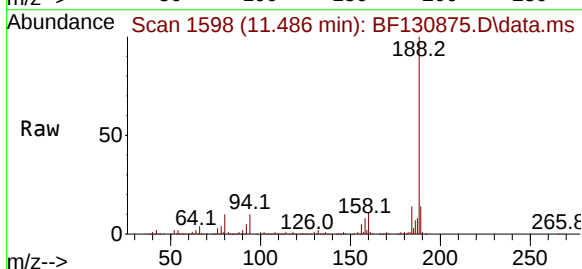
Tgt Ion:188 Resp: 332196

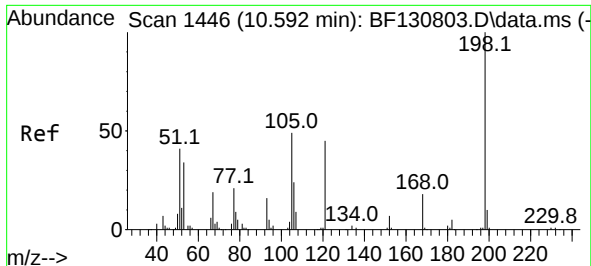
Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.3 8.0 12.0

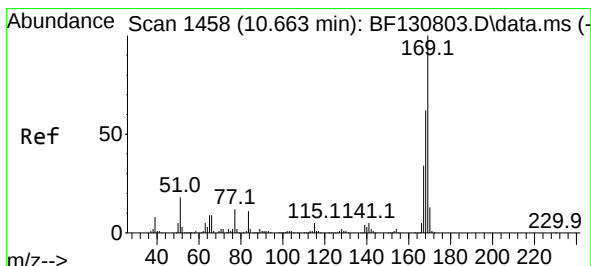
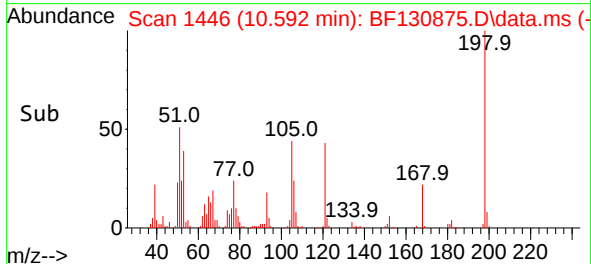
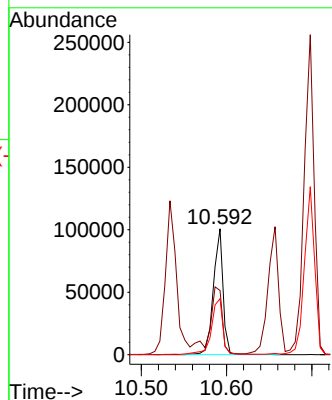
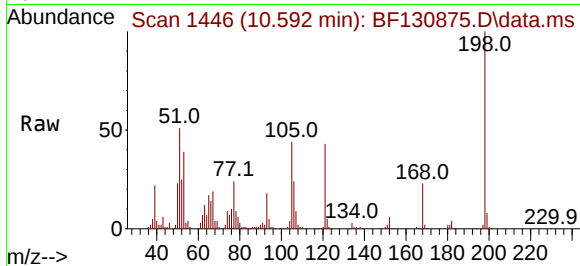




#65
4,6-Dinitro-2-methylphenol
Concen: 55.721 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

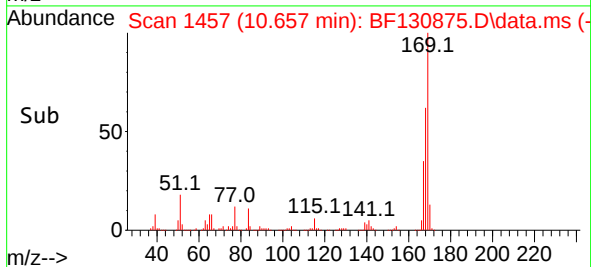
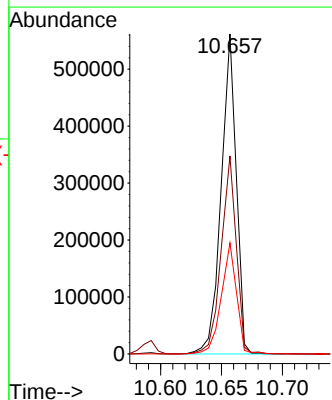
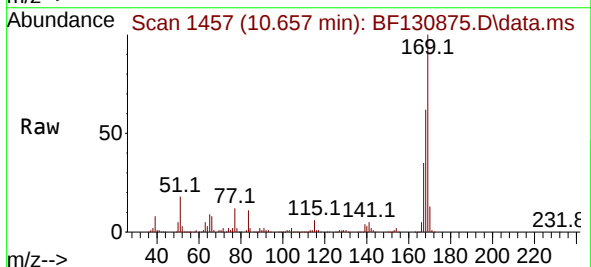
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

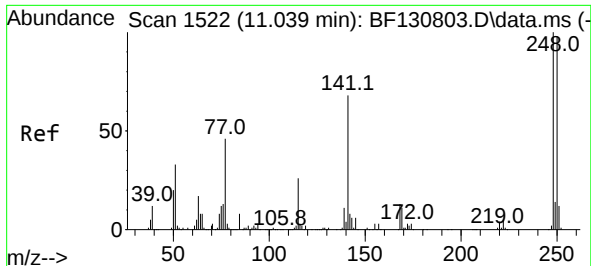
Tgt Ion:198 Resp: 79480
Ion Ratio Lower Upper
198 100
51 51.0 39.0 79.0
105 44.4 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 46.889 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:169 Resp: 485854
Ion Ratio Lower Upper
169 100
168 61.9 49.4 74.0
167 34.7 27.4 41.2

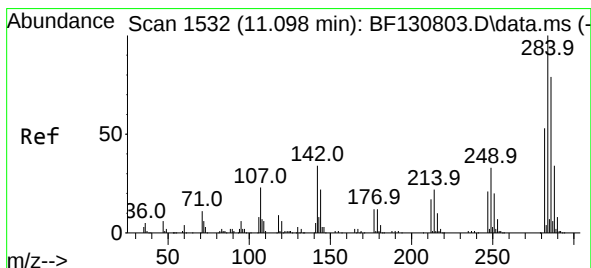
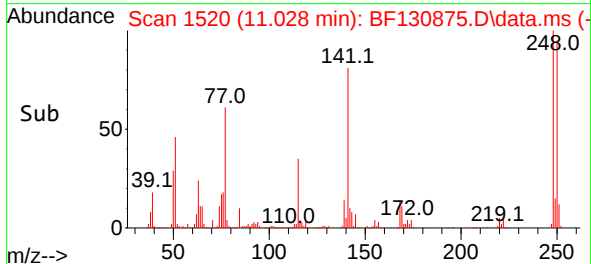
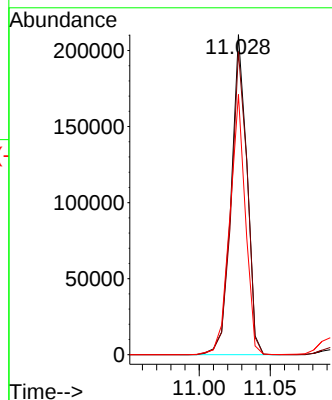
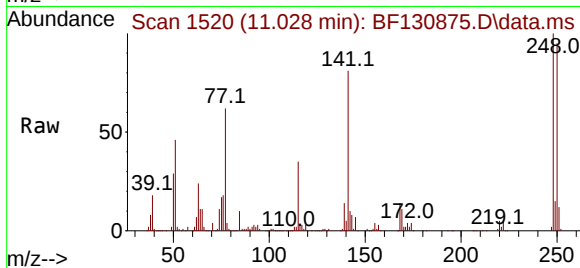




#67
4-Bromophenyl-phenylether
Concen: 48.609 ng
RT: 11.028 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

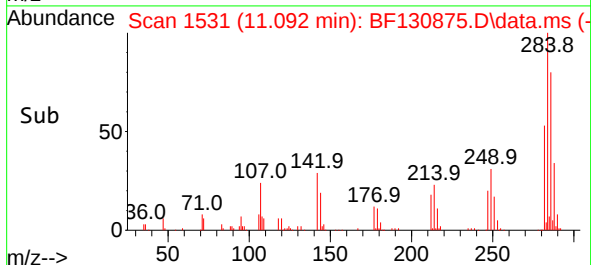
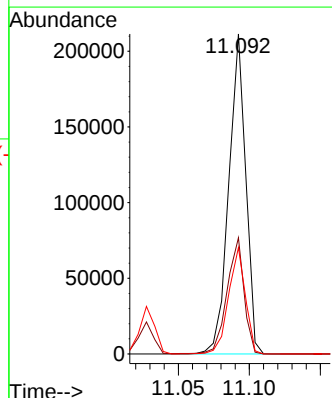
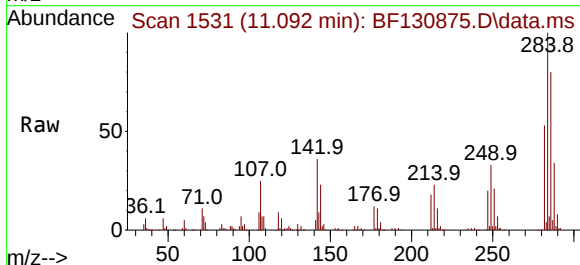
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

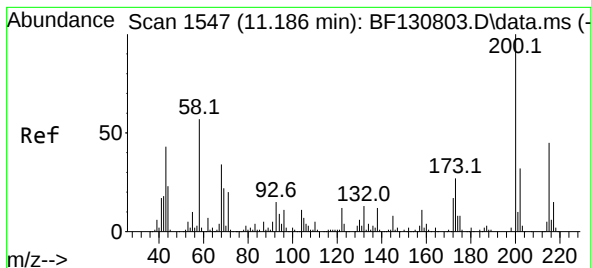
Tgt Ion:248 Resp: 162391
Ion Ratio Lower Upper
248 100
250 94.6 78.6 117.8
141 81.3 54.2 81.4



#68
Hexachlorobenzene
Concen: 47.591 ng
RT: 11.092 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:284 Resp: 175174
Ion Ratio Lower Upper
284 100
142 36.3 27.1 40.7
249 33.2 26.6 39.8





#69

Atrazine

Concen: 55.123 ng

RT: 11.186 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB148618BSD

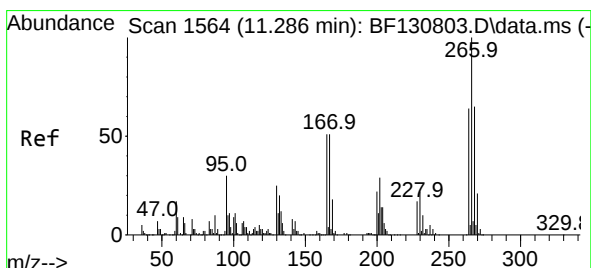
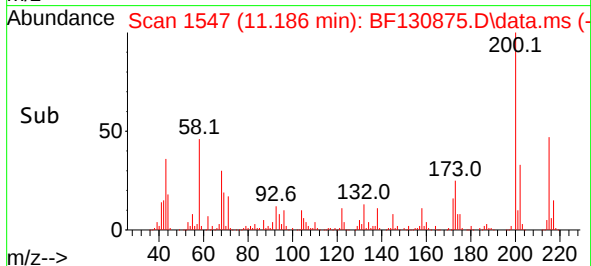
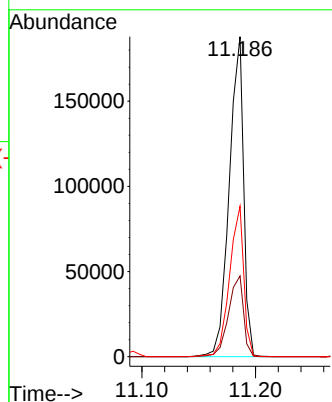
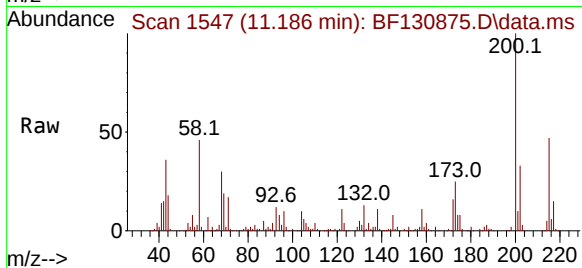
Tgt Ion:200 Resp: 164948

Ion Ratio Lower Upper

200 100

173 25.2 7.1 47.1

215 47.0 25.4 65.4



#70

Pentachlorophenol

Concen: 91.267 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.006 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

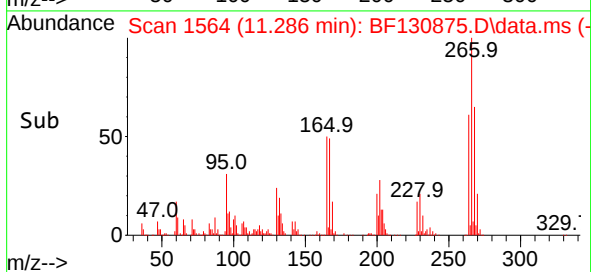
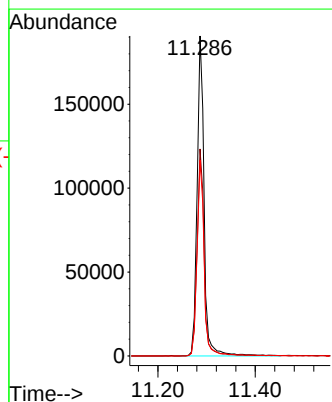
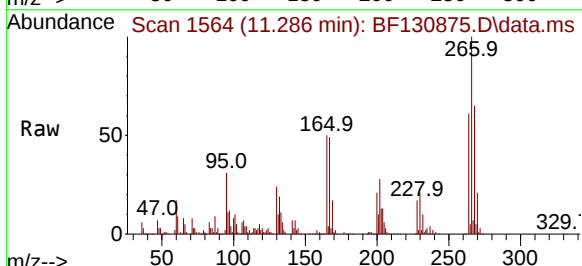
Tgt Ion:266 Resp: 191696

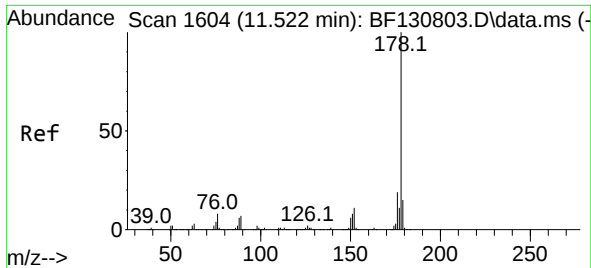
Ion Ratio Lower Upper

266 100

268 64.7 51.8 77.6

264 61.2 51.6 77.4

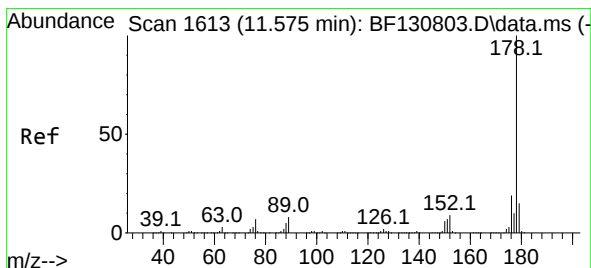
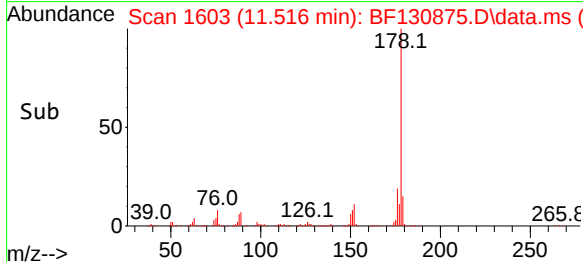
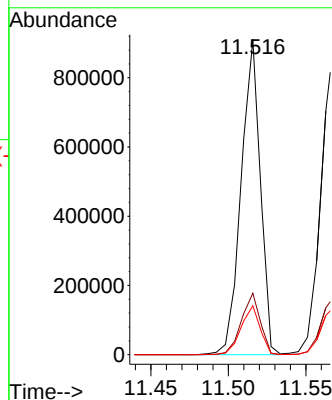
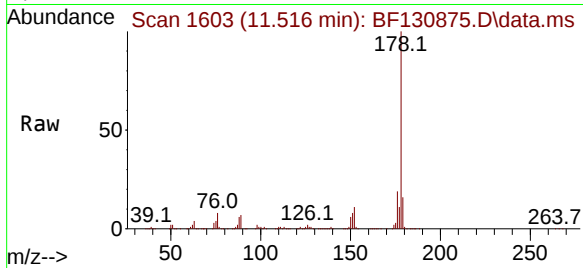




#71
Phenanthrene
Concen: 45.799 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

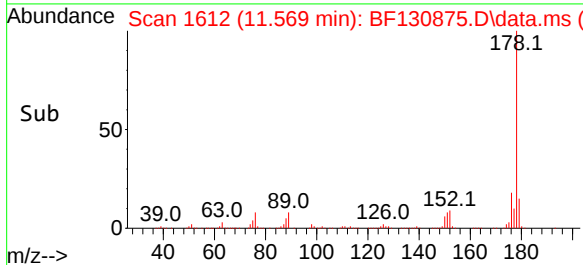
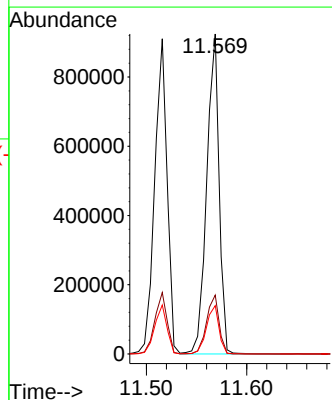
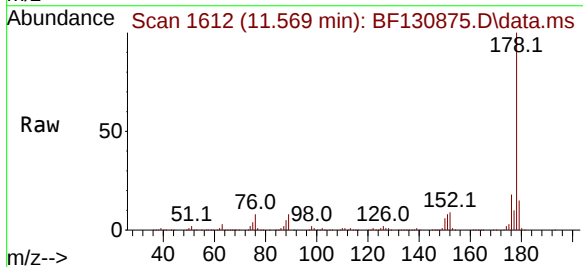
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

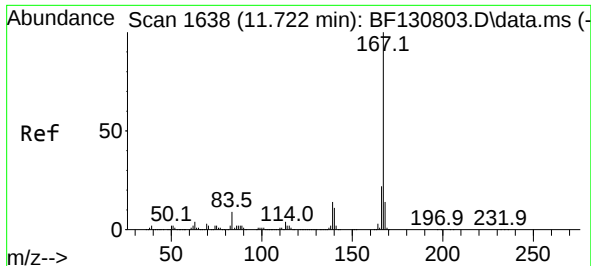
Tgt Ion:178 Resp: 785257
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.5 12.2 18.2



#72
Anthracene
Concen: 47.200 ng
RT: 11.569 min Scan# 1612
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:178 Resp: 798212
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 15.1 12.2 18.4

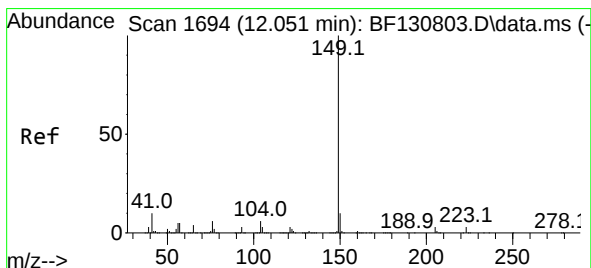
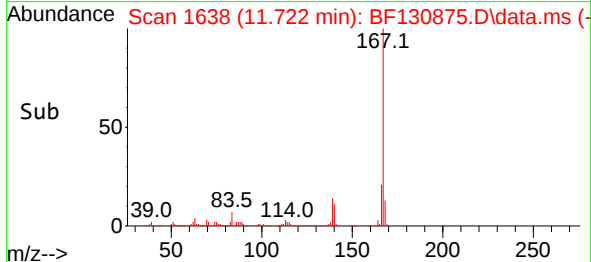
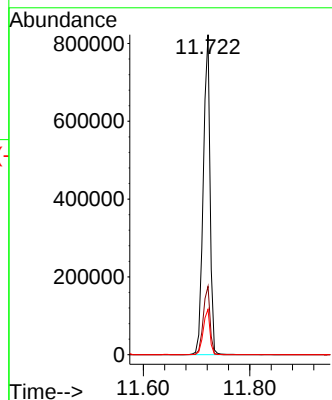
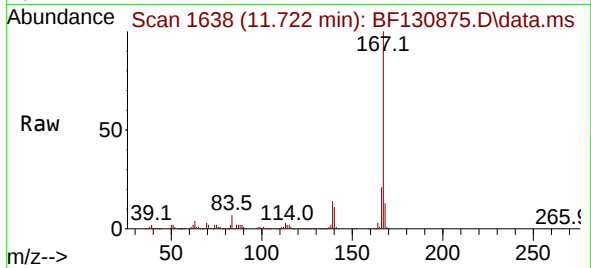




#73
 Carbazole
 Concen: 47.943 ng
 RT: 11.722 min Scan# 1638
 Delta R.T. 0.006 min
 Lab File: BF130875.D
 Acq: 31 Oct 2022 12:33

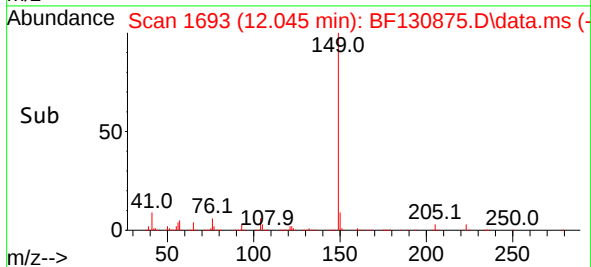
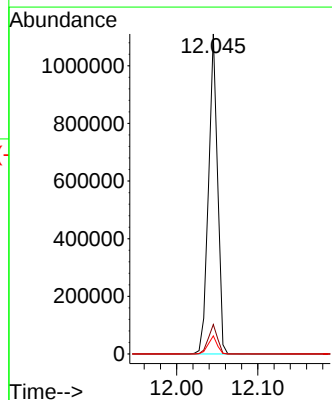
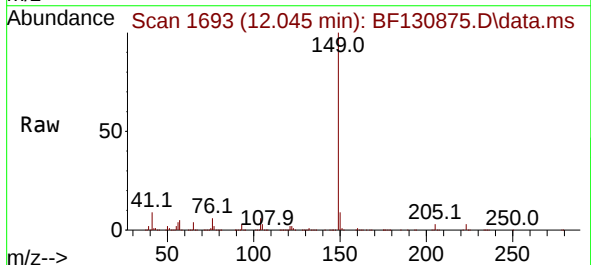
Instrument :
 BNA_F
 ClientSampleId :
 PB148618BSD

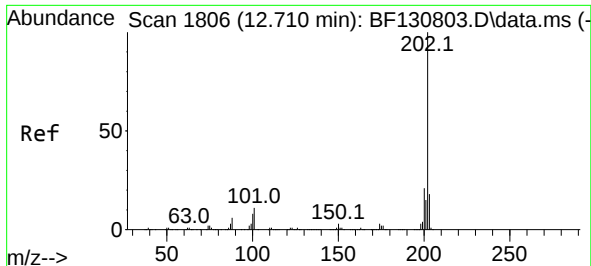
Tgt Ion:167 Resp: 726079
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 14.2 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 46.443 ng
 RT: 12.045 min Scan# 1693
 Delta R.T. 0.000 min
 Lab File: BF130875.D
 Acq: 31 Oct 2022 12:33

Tgt Ion:149 Resp: 854235
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 5.6 4.6 6.8

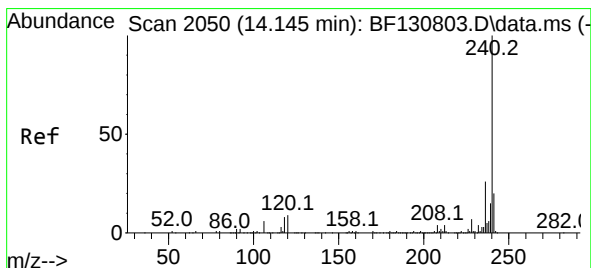
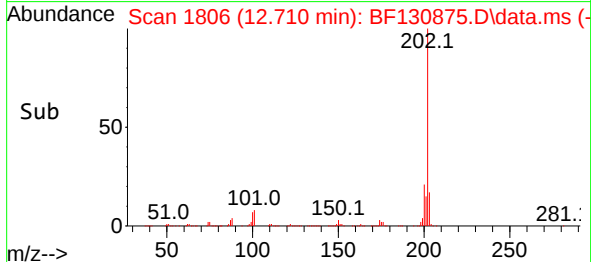
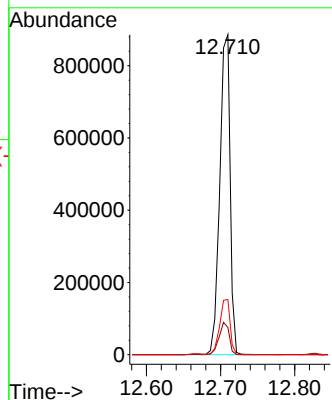
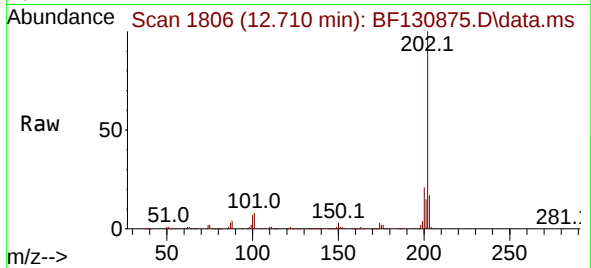




#75
Fluoranthene
Concen: 47.267 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

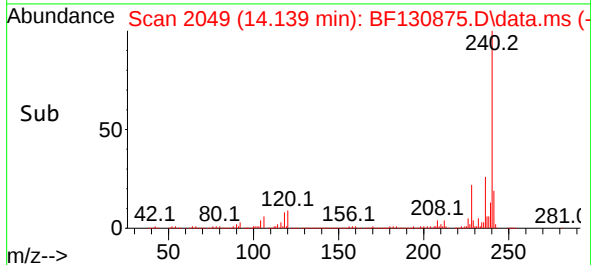
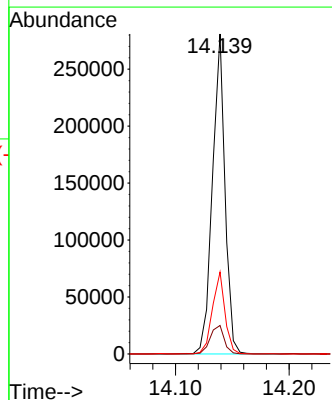
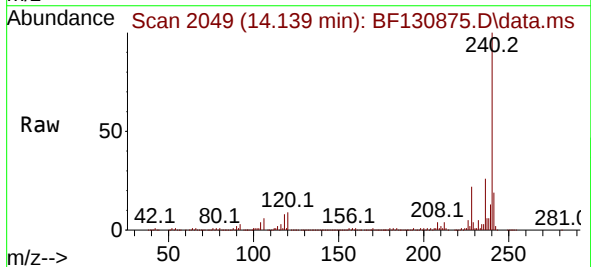
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

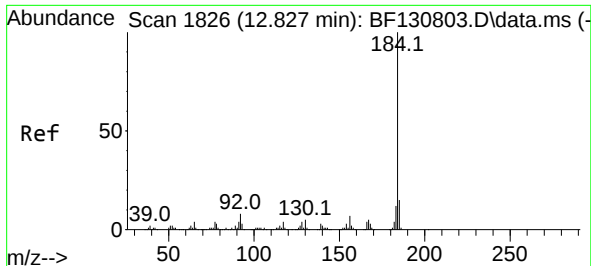
Tgt Ion:202 Resp: 861076
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.9
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:240 Resp: 215140
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.4
236 25.6 20.5 30.7

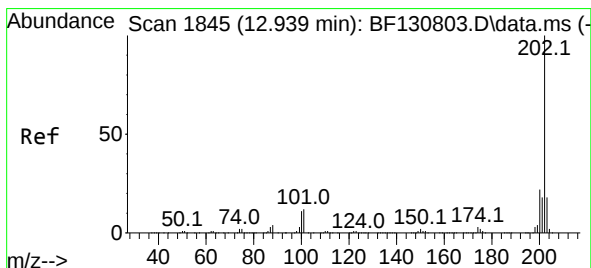
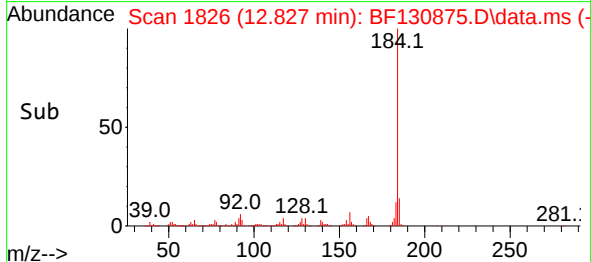
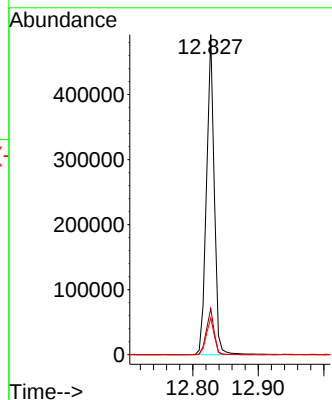
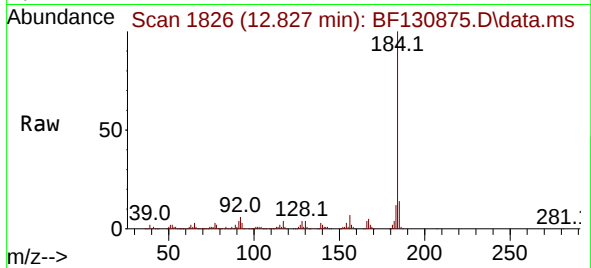




#77
Benzidine
Concen: 77.742 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

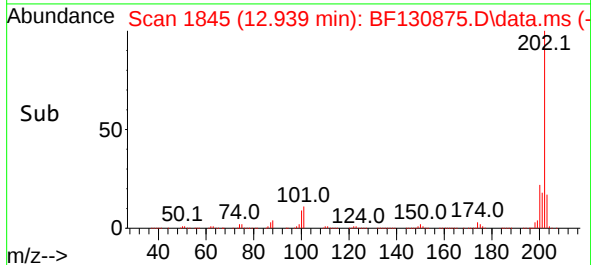
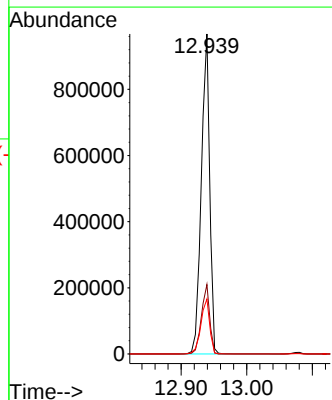
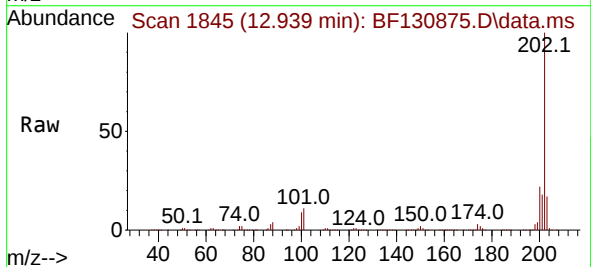
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

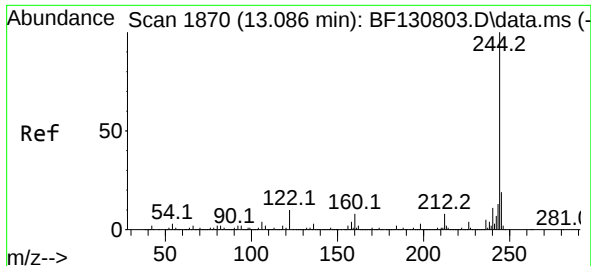
Tgt Ion:184 Resp: 406010
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 11.5 9.7 14.5



#78
Pyrene
Concen: 47.505 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:202 Resp: 862256
Ion Ratio Lower Upper
202 100
200 21.7 17.2 25.8
203 17.2 14.5 21.7

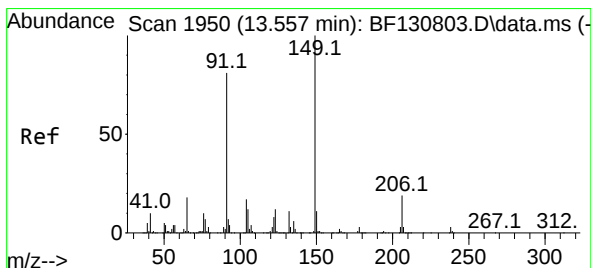
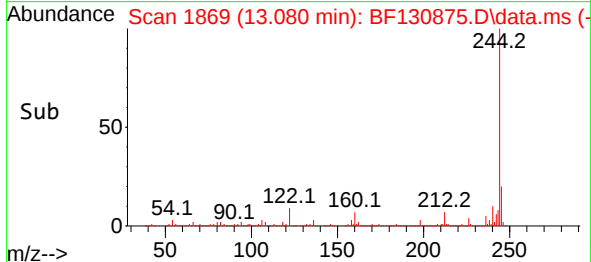
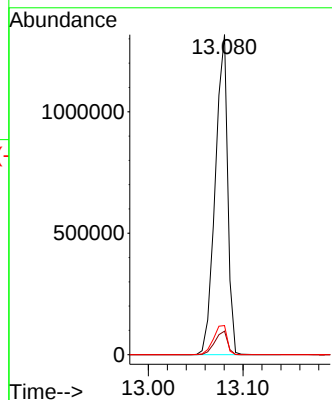
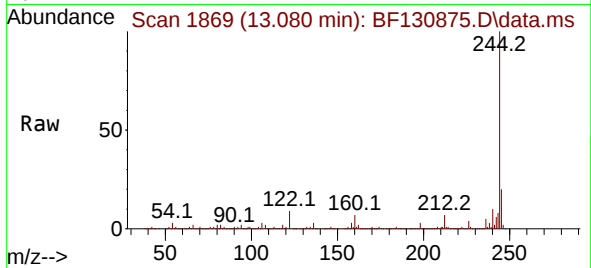




#79
 Terphenyl-d14
 Concen: 102.204 ng
 RT: 13.080 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130875.D
 Acq: 31 Oct 2022 12:33

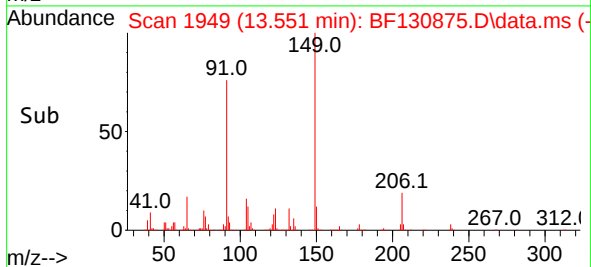
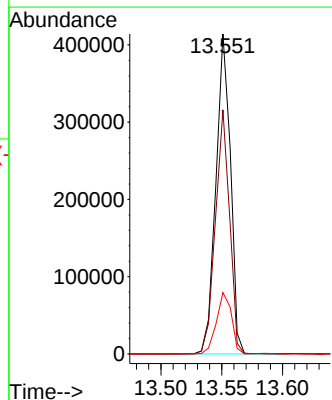
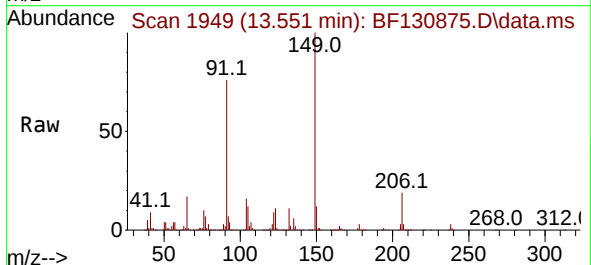
Instrument :
 BNA_F
 ClientSampleId :
 PB148618BSD

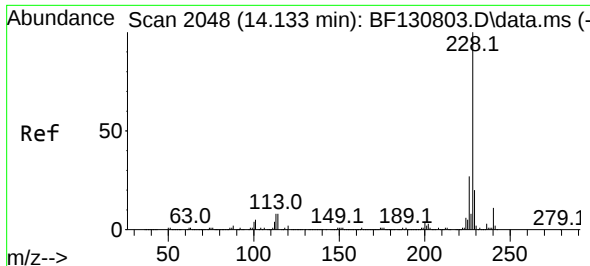
Tgt Ion:244 Resp: 1199925
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.1 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 52.731 ng
 RT: 13.551 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: BF130875.D
 Acq: 31 Oct 2022 12:33

Tgt Ion:149 Resp: 344345
 Ion Ratio Lower Upper
 149 100
 91 76.3 64.5 96.7
 206 19.2 15.3 22.9

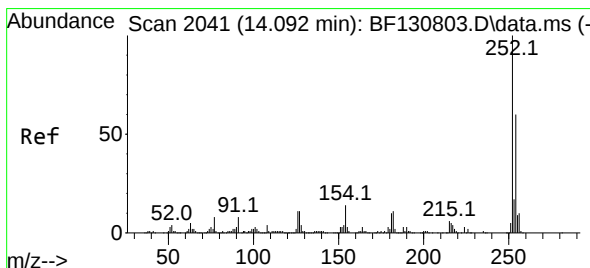
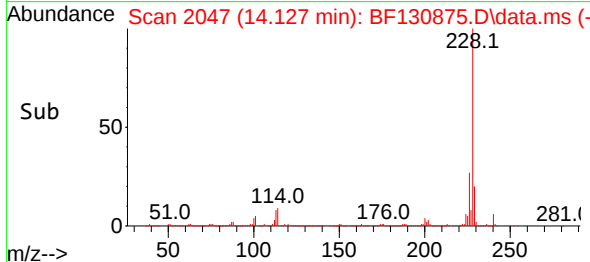
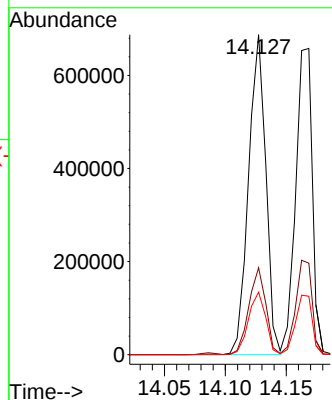
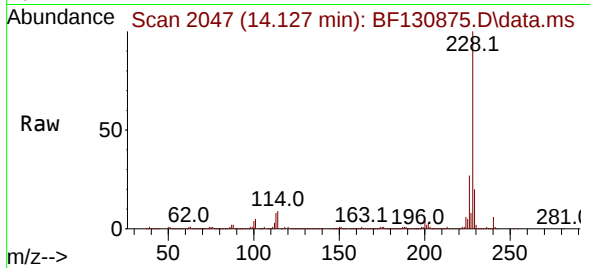




#81
Benzo(a)anthracene
Concen: 47.587 ng
RT: 14.127 min Scan# 2047
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

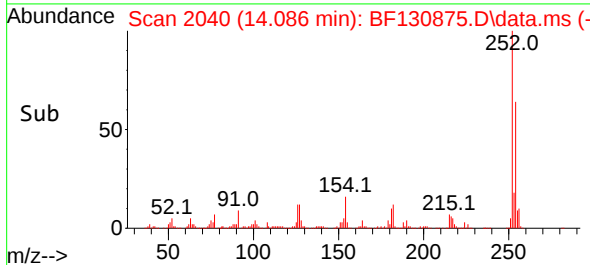
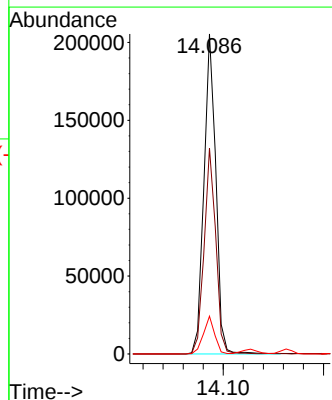
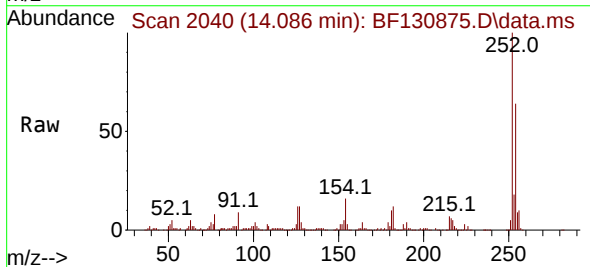
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

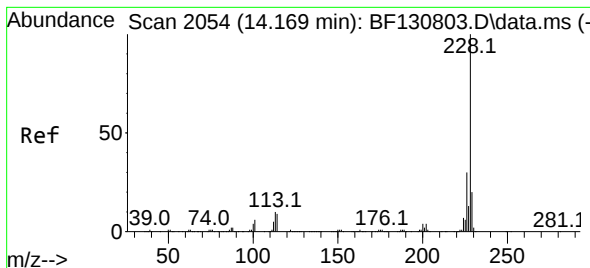
Tgt Ion:228 Resp: 678763
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 44.106 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:252 Resp: 169795
Ion Ratio Lower Upper
252 100
254 64.4 47.8 71.6
126 11.8 9.0 13.6





#83

Chrysene

Concen: 45.581 ng

RT: 14.169 min Scan# 2054

Delta R.T. 0.012 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB148618BSD

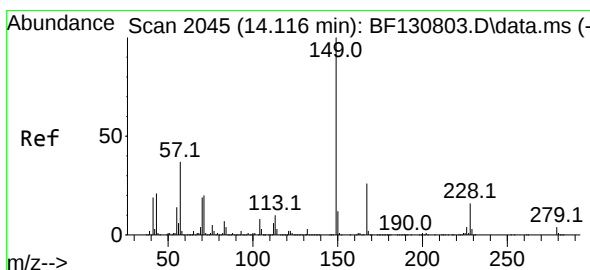
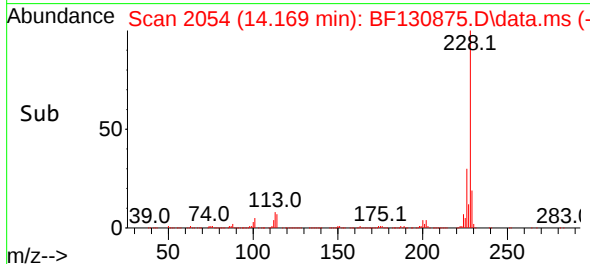
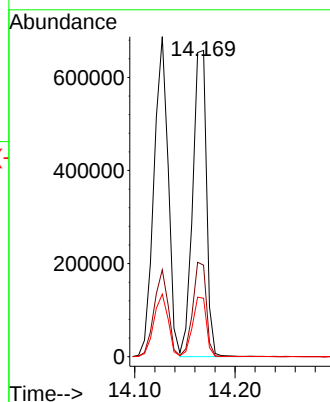
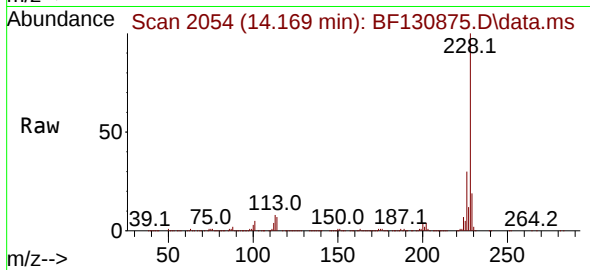
Tgt Ion:228 Resp: 627124

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.137 ng

RT: 14.110 min Scan# 2044

Delta R.T. 0.006 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

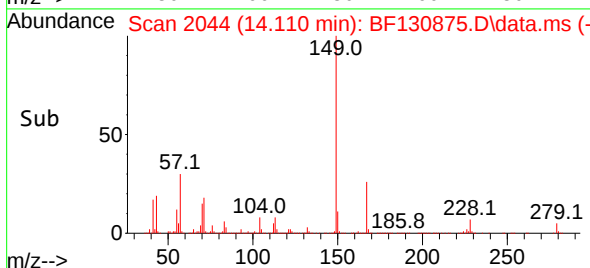
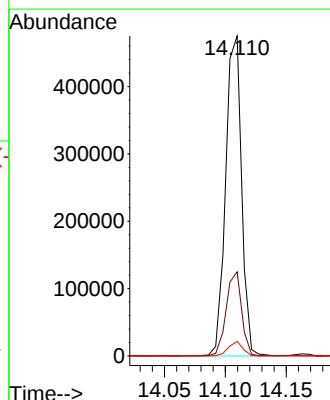
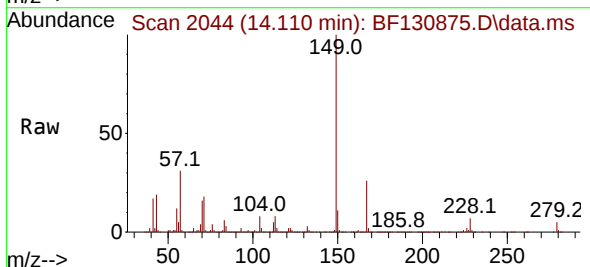
Tgt Ion:149 Resp: 432915

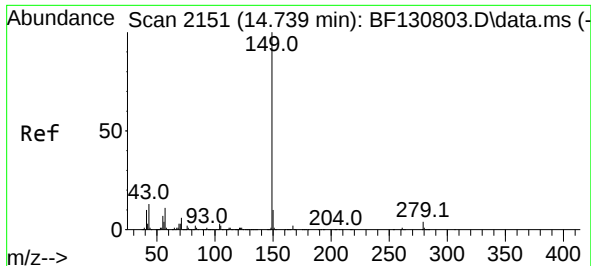
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

279 4.5 3.0 4.6

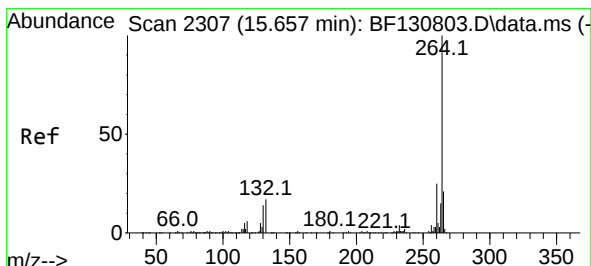
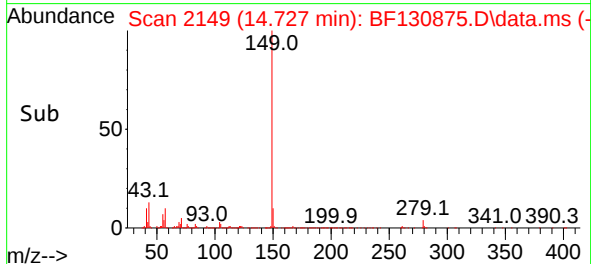
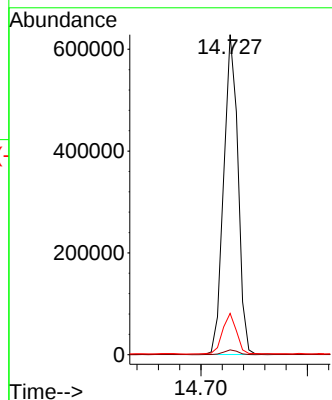
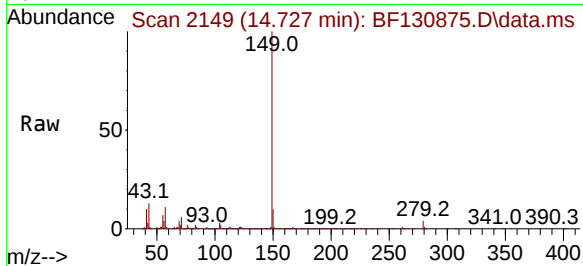




#85
Di-n-octyl phthalate
Concen: 53.846 ng
RT: 14.727 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

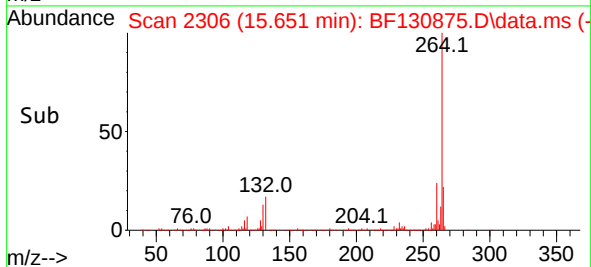
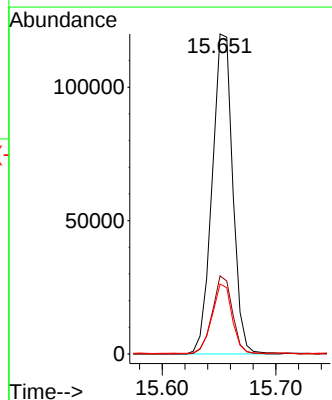
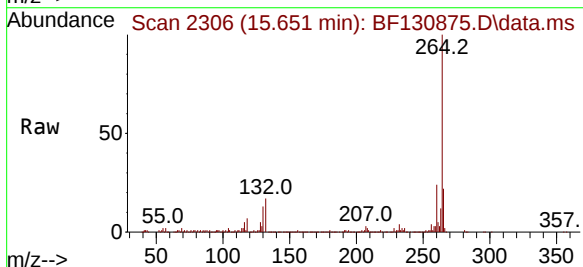
Instrument :
BNA_F
ClientSampleId :
PB148618BSD

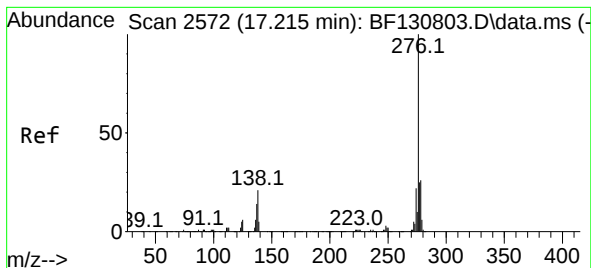
Tgt Ion:149 Resp: 583497
Ion Ratio Lower Upper
149 100
167 1.4 1.3 1.9
43 12.5 10.2 15.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2306
Delta R.T. 0.006 min
Lab File: BF130875.D
Acq: 31 Oct 2022 12:33

Tgt Ion:264 Resp: 150909
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 21.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.815 ng

RT: 17.209 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB148618BSD

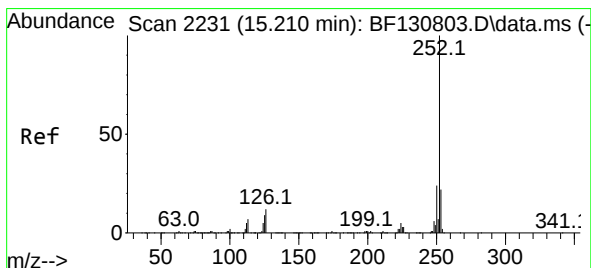
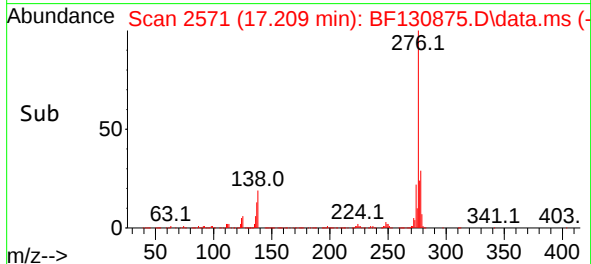
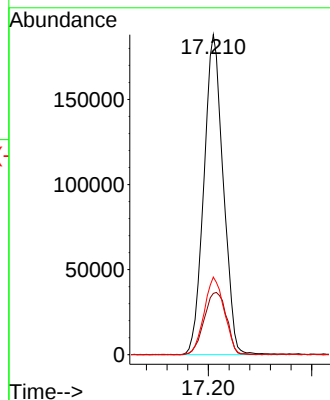
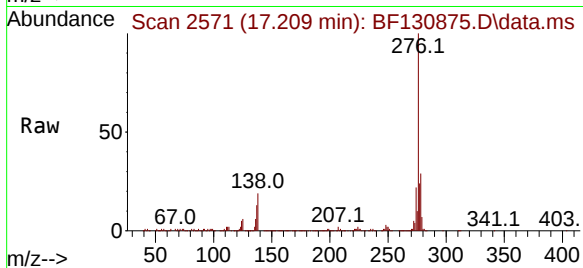
Tgt Ion:276 Resp: 489202

Ion Ratio Lower Upper

276 100

138 22.5 19.1 28.7

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 53.193 ng

RT: 15.204 min Scan# 2230

Delta R.T. 0.006 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

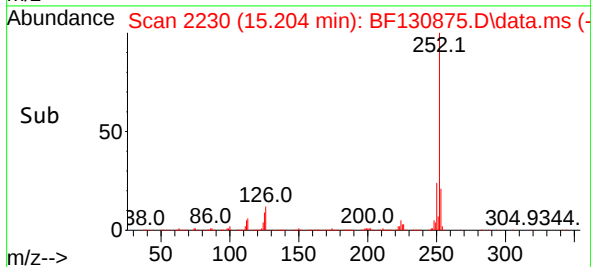
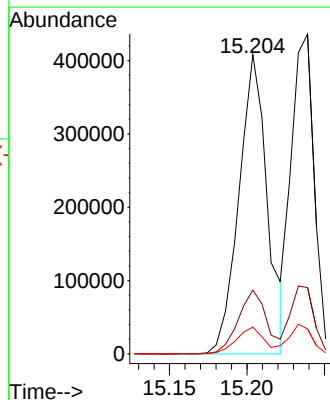
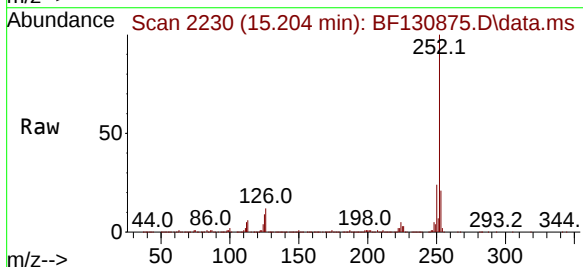
Tgt Ion:252 Resp: 518908

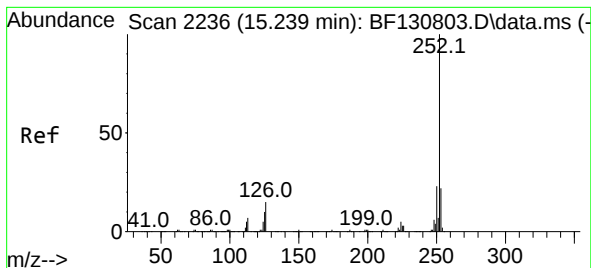
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.0 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 54.589 ng

RT: 15.204 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB148618BSD

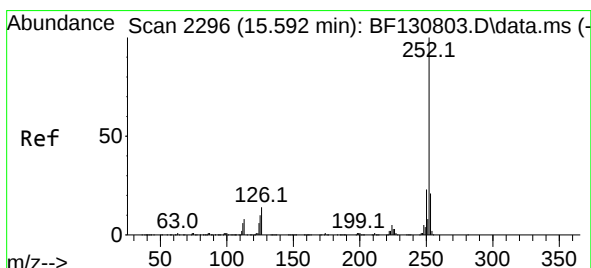
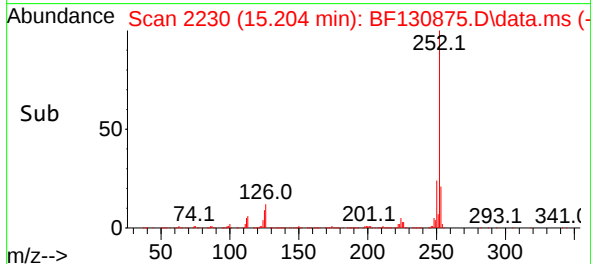
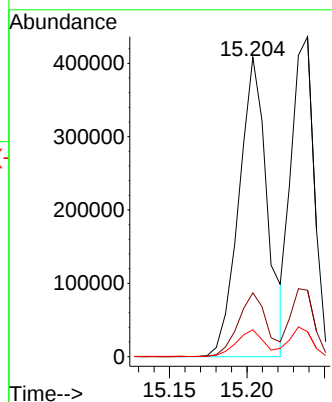
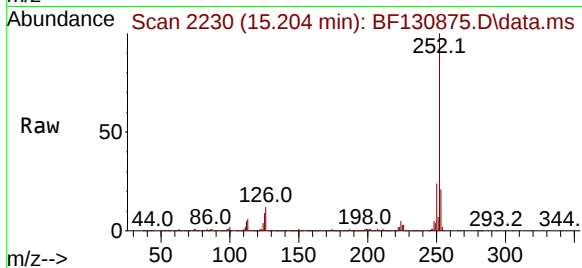
Tgt Ion:252 Resp: 518908

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.0 8.0 12.0



#90

Benzo(a)pyrene

Concen: 53.077 ng

RT: 15.592 min Scan# 2296

Delta R.T. 0.012 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

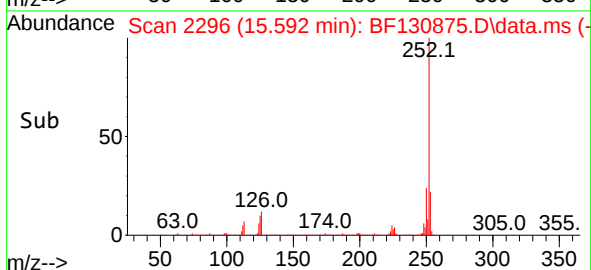
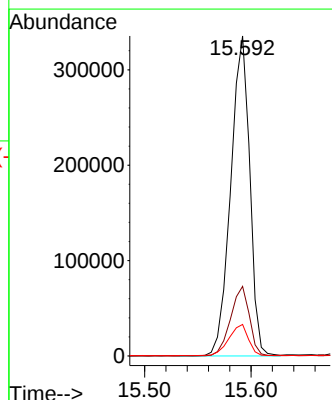
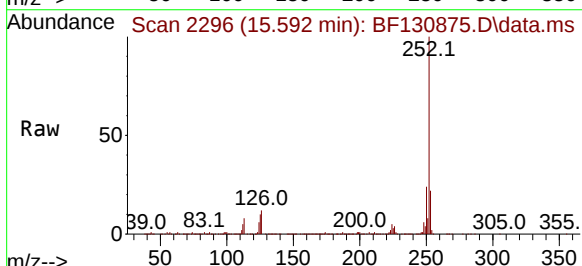
Tgt Ion:252 Resp: 416227

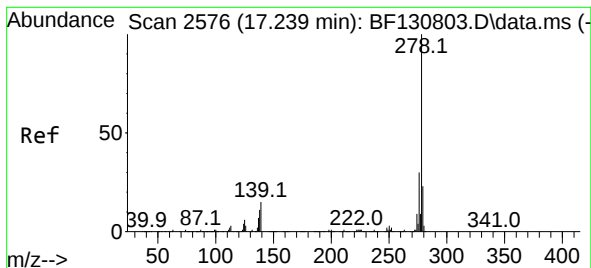
Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

125 9.9 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 51.876 ng

RT: 17.233 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

Instrument :

BNA_F

ClientSampleId :

PB148618BSD

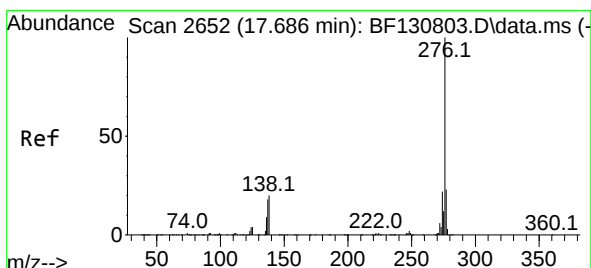
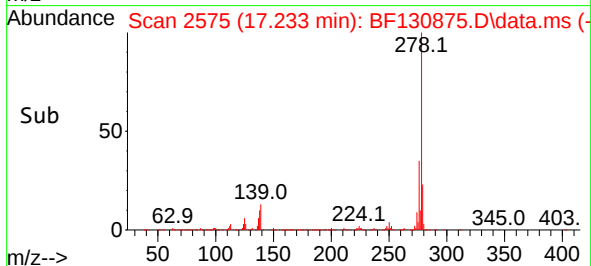
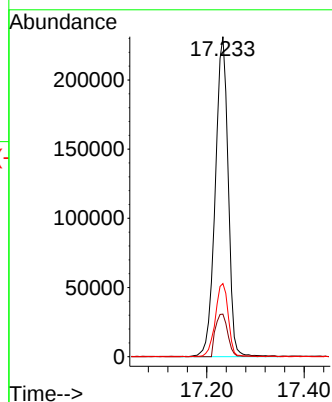
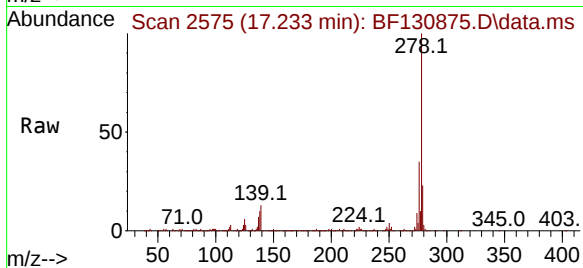
Tgt Ion:278 Resp: 423802

Ion Ratio Lower Upper

278 100

139 13.3 11.9 17.9

279 22.8 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 51.507 ng

RT: 17.686 min Scan# 2652

Delta R.T. 0.018 min

Lab File: BF130875.D

Acq: 31 Oct 2022 12:33

Tgt Ion:276 Resp: 429291

Ion Ratio Lower Upper

276 100

277 22.6 18.8 28.2

138 19.3 16.3 24.5

