

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131741.D
 Acq On : 21 Dec 2022 11:46
 Operator : CG\JU
 Sample : PB149732BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149732BS

Quant Time: Dec 22 05:18:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	81475	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	308057	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	189185	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	371680	20.000	ng	0.00
76) Chrysene-d12	14.063	240	233896	20.000	ng	0.00
86) Perylene-d12	15.557	264	175260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	681449	140.839	ng	0.02
7) Phenol-d6	6.504	99	878002	134.818	ng	0.00
23) Nitrobenzene-d5	7.439	82	613382	80.832	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	280297	135.363	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1076911	79.740	ng	0.00
79) Terphenyl-d14	13.004	244	1433970	95.550	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	82601	36.532	ng	97
3) Pyridine	3.410	79	212419	32.947	ng	99
4) n-Nitrosodimethylamine	3.381	42	126080	43.223	ng	91
6) Aniline	6.528	93	188373	23.429	ng	96
8) 2-Chlorophenol	6.651	128	231860	44.615	ng	97
9) Benzaldehyde	6.416	77	95368	23.149	ng	99
10) Phenol	6.516	94	325008	41.799	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	257942	46.358	ng	97
12) 1,3-Dichlorobenzene	6.804	146	251128	42.748	ng	99
13) 1,4-Dichlorobenzene	6.881	146	258569	43.060	ng	96
14) 1,2-Dichlorobenzene	7.034	146	242094	43.060	ng	98
15) Benzyl Alcohol	7.016	79	240426	41.333	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	314811	44.371	ng	96
17) 2-Methylphenol	7.128	107	209269	42.655	ng	99
18) Hexachloroethane	7.381	117	104900	44.069	ng	93
19) n-Nitroso-di-n-propyla...	7.287	70	197334	42.014	ng	99
20) 3+4-Methylphenols	7.281	107	263432	41.720	ng	96
22) Acetophenone	7.281	105	375597	41.780	ng	94
24) Nitrobenzene	7.457	77	313334	40.617	ng	98
25) Isophorone	7.692	82	554402	43.021	ng	98
26) 2-Nitrophenol	7.775	139	125808	41.729	ng	95
27) 2,4-Dimethylphenol	7.810	122	213740	49.776	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	314785	45.999	ng	100
29) 2,4-Dichlorophenol	8.016	162	216225	41.711	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	246837	40.504	ng	99
31) Naphthalene	8.181	128	676300	40.199	ng	100
32) Benzoic acid	7.945	122	159476	46.396	ng	96
33) 4-Chloroaniline	8.228	127	85706	13.063	ng	98
34) Hexachlorobutadiene	8.292	225	165453	40.353	ng	99
35) Caprolactam	8.610	113	39838	25.487	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	252509	42.641	ng	97
37) 2-Methylnaphthalene	8.875	142	462754	40.324	ng	100
38) 1-Methylnaphthalene	8.975	142	427523	38.464	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	267925	41.394	ng	98
41) Hexachlorocyclopentadiene	9.022	237	330928	112.851	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	169803	40.160	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131741.D
 Acq On : 21 Dec 2022 11:46
 Operator : CG\JU
 Sample : PB149732BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149732BS

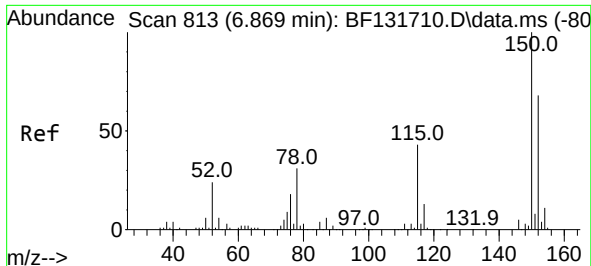
Quant Time: Dec 22 05:18:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	184941	40.404	ng	98
46) 1,1'-Biphenyl	9.339	154	587576	41.290	ng	99
47) 2-Chloronaphthalene	9.363	162	469564	40.297	ng	98
48) 2-Nitroaniline	9.469	65	169764	40.421	ng	97
49) Acenaphthylene	9.781	152	707542	40.483	ng	100
50) Dimethylphthalate	9.645	163	590149	41.457	ng	99
51) 2,6-Dinitrotoluene	9.710	165	127241	41.569	ng	98
52) Acenaphthene	9.957	154	419237	39.157	ng	99
53) 3-Nitroaniline	9.880	138	70191	22.411	ng	96
54) 2,4-Dinitrophenol	9.992	184	164562	89.726	ng	94
55) Dibenzofuran	10.128	168	663672	40.424	ng	99
56) 4-Nitrophenol	10.051	139	178530	79.643	ng	94
57) 2,4-Dinitrotoluene	10.116	165	177814	43.231	ng	98
58) Fluorene	10.475	166	536591	40.425	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.204	232	151783	39.721	ng	94
60) Diethylphthalate	10.345	149	576048	41.997	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	291470	41.314	ng	100
62) 4-Nitroaniline	10.504	138	121203	38.452	ng	94
63) Azobenzene	10.622	77	614752	40.813	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	108024	42.332	ng	97
66) n-Nitrosodiphenylamine	10.586	169	465944	40.425	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	180893	41.208	ng	96
68) Hexachlorobenzene	11.016	284	193937	40.170	ng	99
69) Atrazine	11.110	200	114614	29.831	ng	99
70) Pentachlorophenol	11.216	266	224248	87.513	ng	98
71) Phenanthrene	11.439	178	804392	39.689	ng	99
72) Anthracene	11.492	178	827458	41.697	ng	100
73) Carbazole	11.651	167	706333	41.141	ng	99
74) Di-n-butylphthalate	11.974	149	915083	42.805	ng	99
75) Fluoranthene	12.633	202	911553	40.385	ng	99
77) Benzidine	12.757	184	64810	15.111	ng	100
78) Pyrene	12.863	202	924068	43.454	ng	99
80) Butylbenzylphthalate	13.480	149	334526	44.602	ng	99
81) Benzo(a)anthracene	14.051	228	696204	41.329	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	156765	33.332	ng	97
83) Chrysene	14.092	228	641273	40.333	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	411773	46.041	ng	98
85) Di-n-octyl phthalate	14.657	149	570093	45.664	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	586748	49.843	ng	100
88) Benzo(b)fluoranthene	15.115	252	534713	43.124	ng	98
89) Benzo(k)fluoranthene	15.151	252	512871	42.389	ng	99
90) Benzo(a)pyrene	15.492	252	442146	45.017	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	506140	52.027	ng	99
92) Benzo(g,h,i)perylene	17.527	276	495346	51.515	ng	99

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

Quant Time: Dec 22 05:18:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

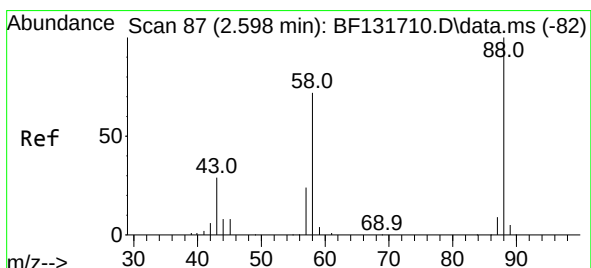
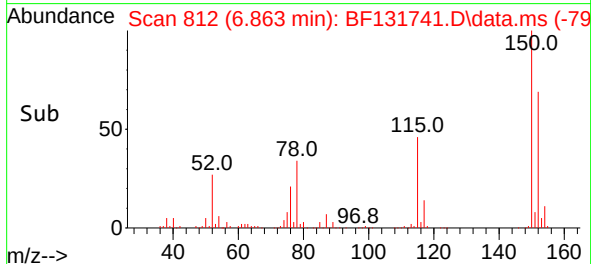
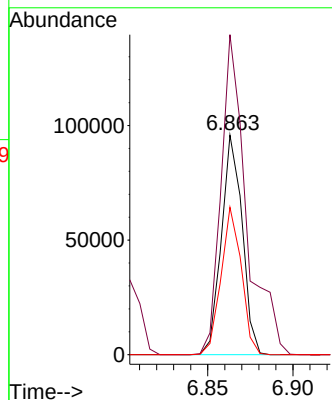
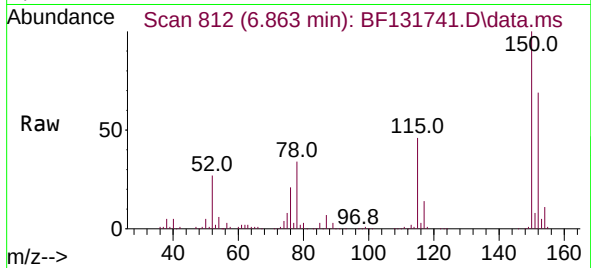




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131741.D
 Acq: 21 Dec 2022 11:46

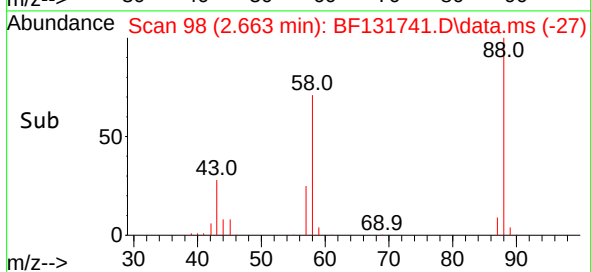
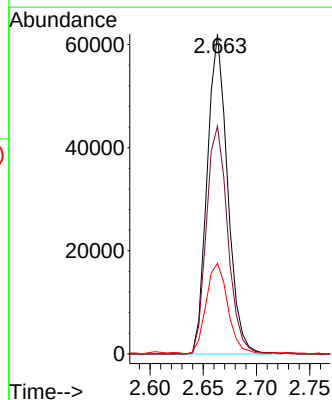
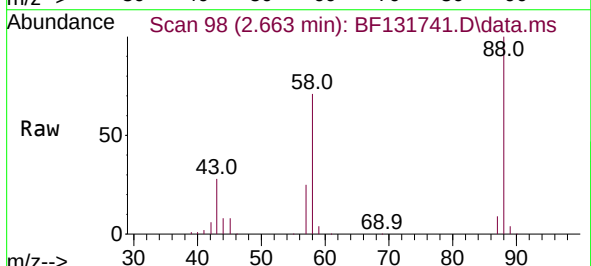
Instrument :
 BNA_F
 ClientSampleId :
 PB149732BS

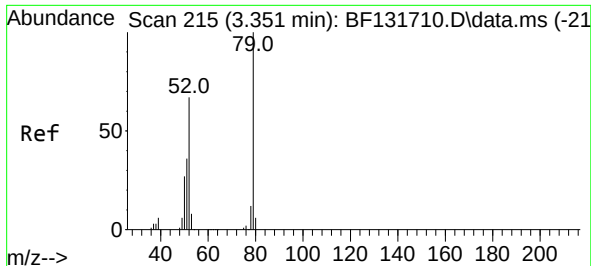
Tgt Ion:152 Resp: 81475
 Ion Ratio Lower Upper
 152 100
 150 145.8 117.4 176.0
 115 67.1 50.2 75.4



#2
 1,4-Dioxane
 Concen: 36.532 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.065 min
 Lab File: BF131741.D
 Acq: 21 Dec 2022 11:46

Tgt Ion: 88 Resp: 82601
 Ion Ratio Lower Upper
 88 100
 58 74.8 57.5 86.3
 43 30.3 23.3 34.9





#3

Pyridine

Concen: 32.947 ng

RT: 3.410 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

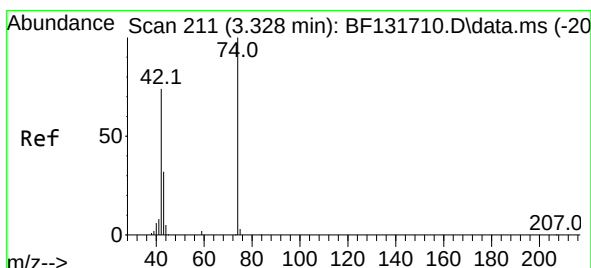
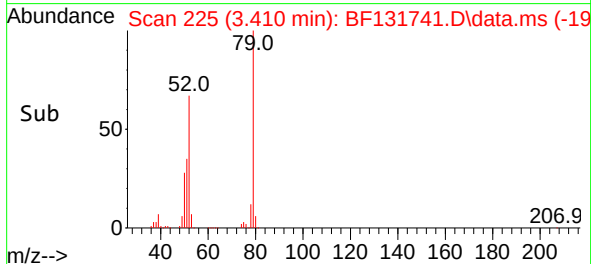
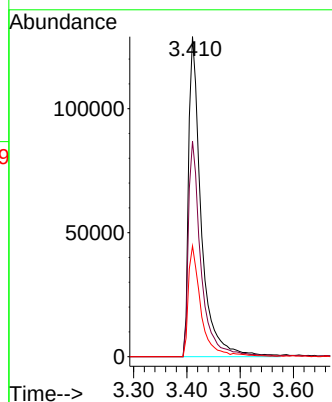
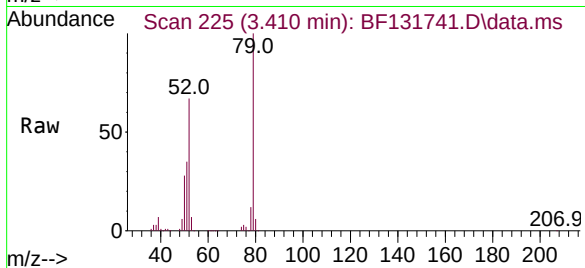
Tgt Ion: 79 Resp: 212419

Ion Ratio Lower Upper

79 100

52 67.4 53.7 80.5

51 34.6 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 43.223 ng

RT: 3.381 min Scan# 220

Delta R.T. 0.053 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

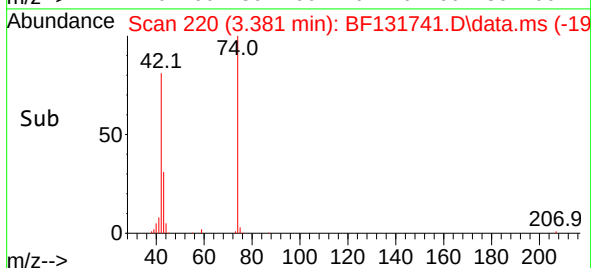
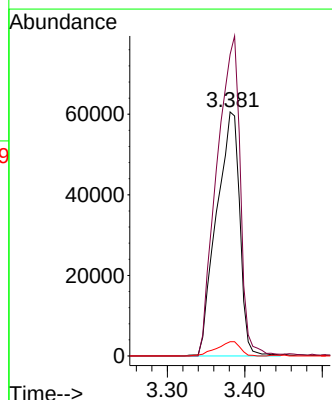
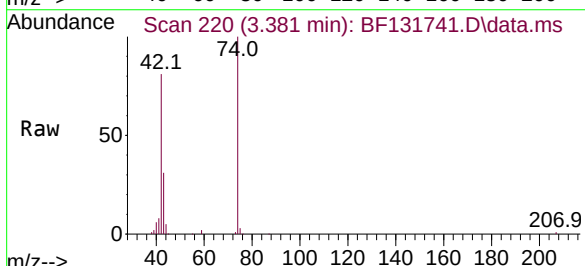
Tgt Ion: 42 Resp: 126080

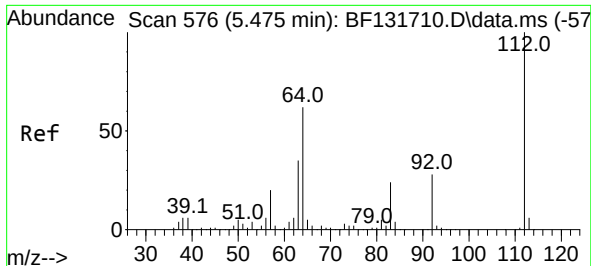
Ion Ratio Lower Upper

42 100

74 123.6 107.8 161.8

44 5.9 5.5 8.3

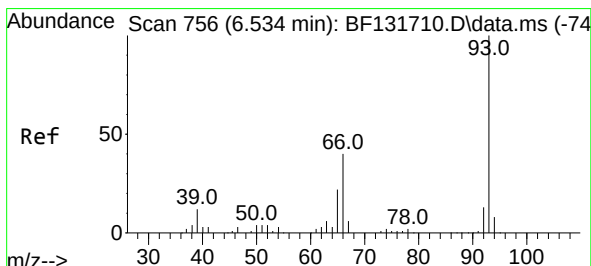
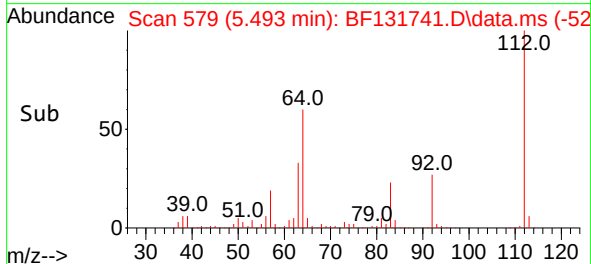
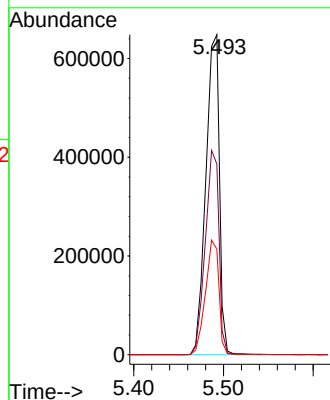
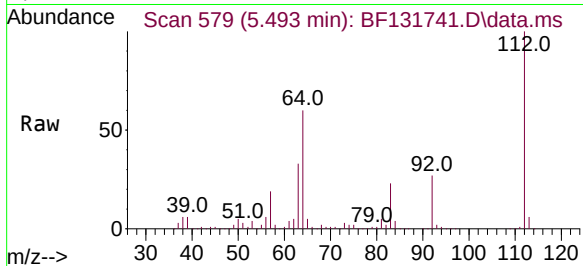




#5
2-Fluorophenol
Concen: 140.839 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

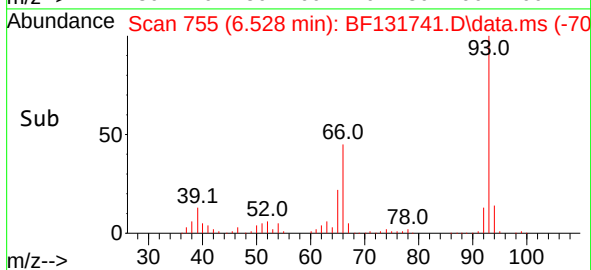
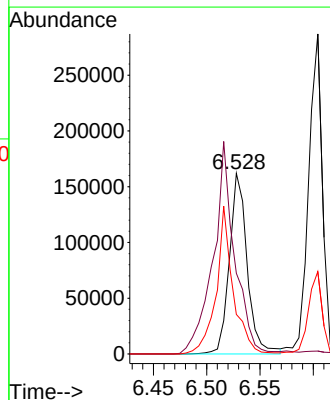
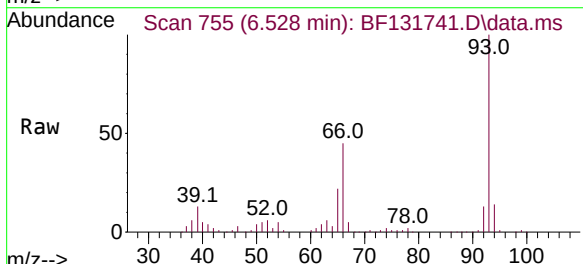
Instrument :
BNA_F
ClientSampleId :
PB149732BS

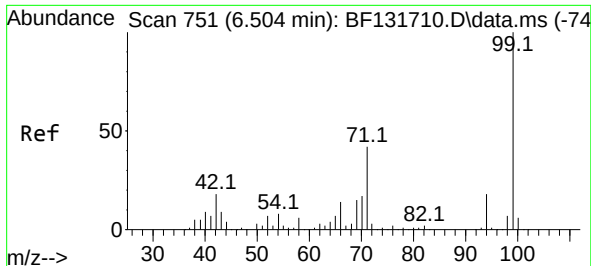
Tgt Ion:112 Resp: 681449
Ion Ratio Lower Upper
112 100
64 59.6 49.5 74.3
63 33.0 28.2 42.2



#6
Aniline
Concen: 23.429 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion: 93 Resp: 188373
Ion Ratio Lower Upper
93 100
66 44.6 32.8 49.2
65 21.9 17.4 26.2

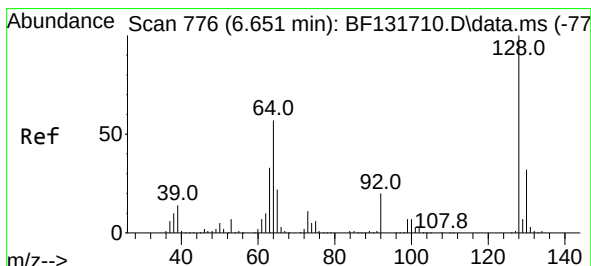
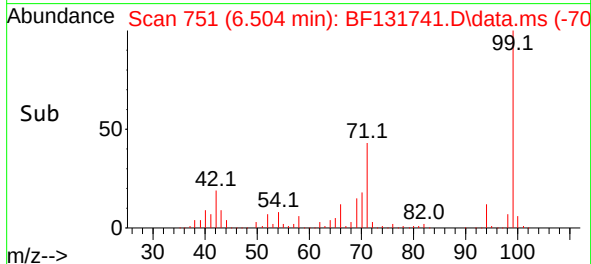
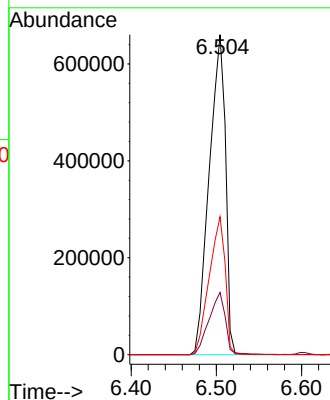
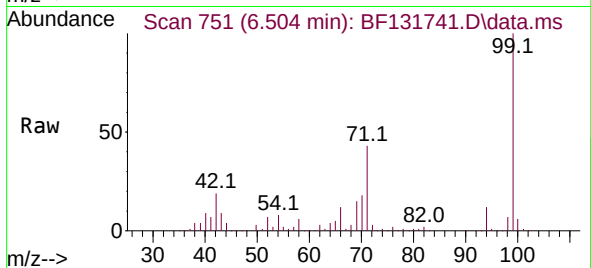




#7
Phenol-d6
Concen: 134.818 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

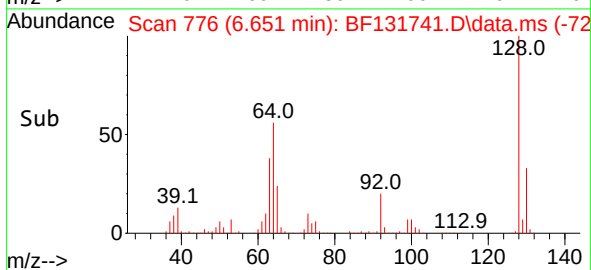
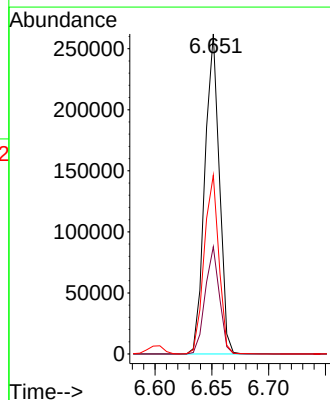
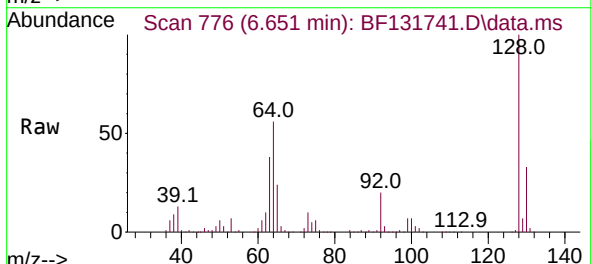
Instrument :
BNA_F
ClientSampleId :
PB149732BS

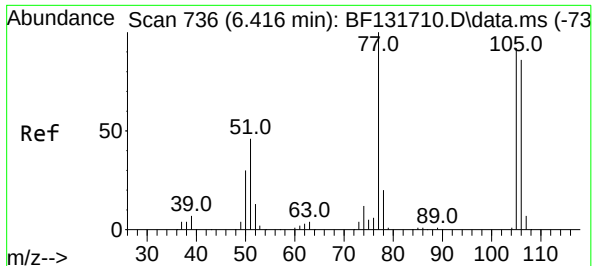
Tgt Ion: 99 Resp: 878002
Ion Ratio Lower Upper
99 100
42 19.5 14.8 22.2
71 43.1 33.8 50.6



#8
2-Chlorophenol
Concen: 44.615 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion: 128 Resp: 231860
Ion Ratio Lower Upper
128 100
130 33.5 12.0 52.0
64 55.9 37.7 77.7

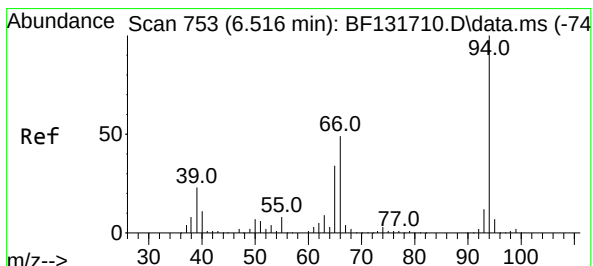
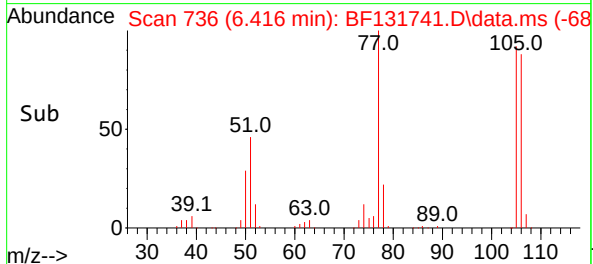
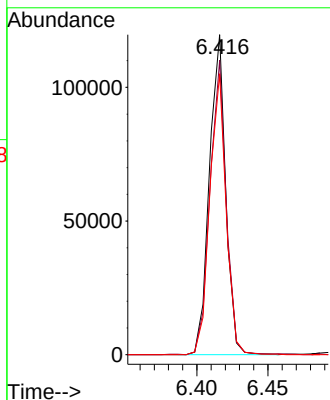
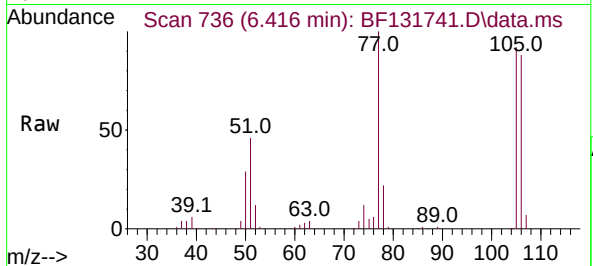




#9
Benzaldehyde
Concen: 23.149 ng
RT: 6.416 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

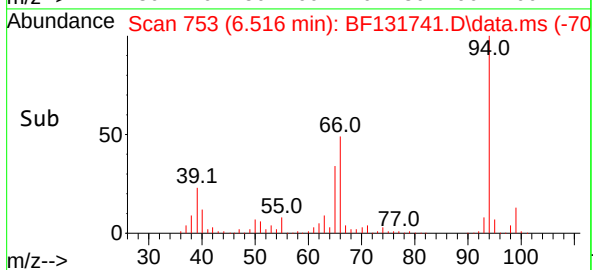
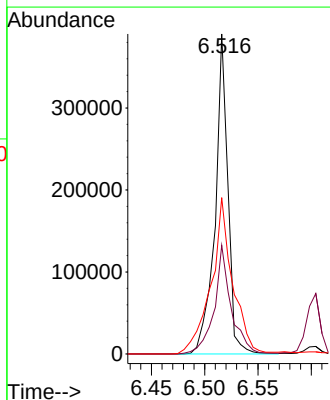
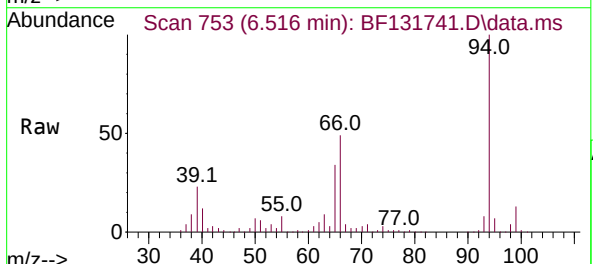
Instrument :
BNA_F
ClientSampleId :
PB149732BS

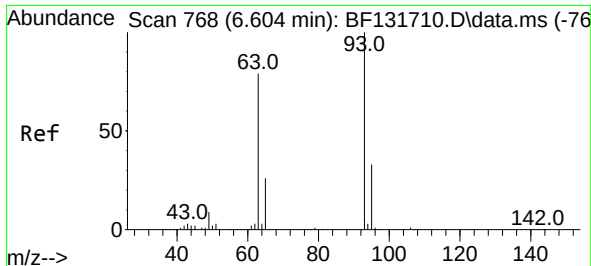
Tgt Ion:	77	Resp:	95368
Ion	Ratio	Lower	Upper
77	100		
105	92.0	72.4	112.4
106	87.8	66.5	106.5



#10
Phenol
Concen: 41.799 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:	94	Resp:	325008
Ion	Ratio	Lower	Upper
94	100		
65	34.0	14.0	54.0
66	48.8	28.8	68.8

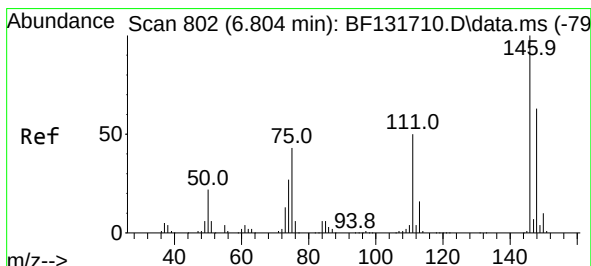
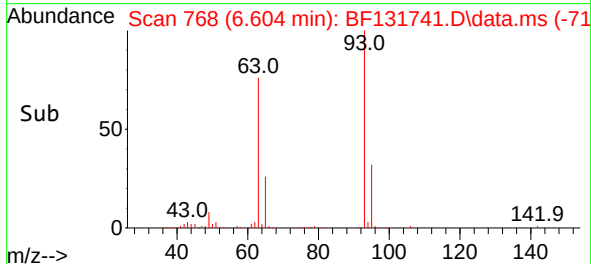
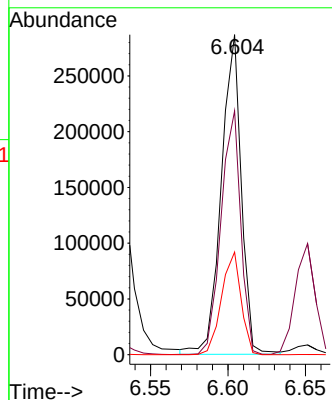
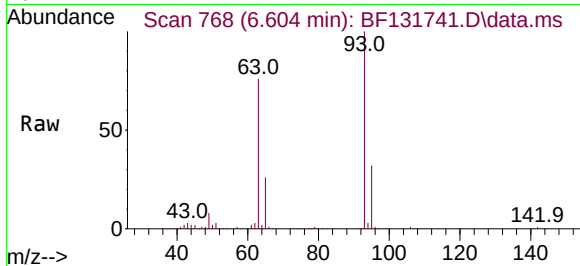




#11
bis(2-Chloroethyl)ether
Concen: 46.358 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

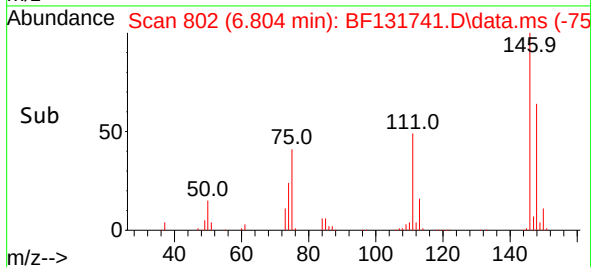
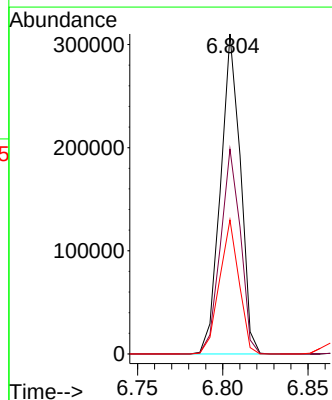
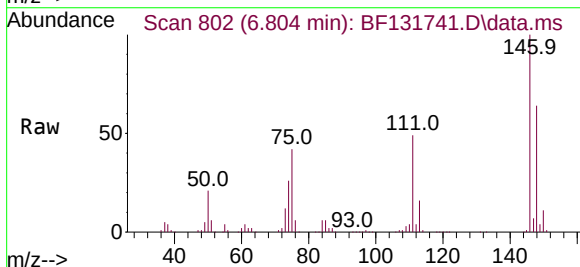
Instrument :
BNA_F
ClientSampleId :
PB149732BS

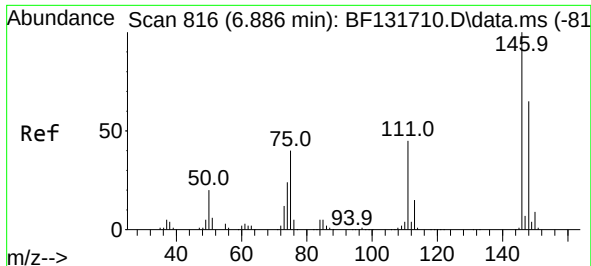
Tgt Ion: 93 Resp: 257942
Ion Ratio Lower Upper
93 100
63 76.2 59.0 99.0
95 32.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.748 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion: 146 Resp: 251128
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
75 41.9 34.3 51.5

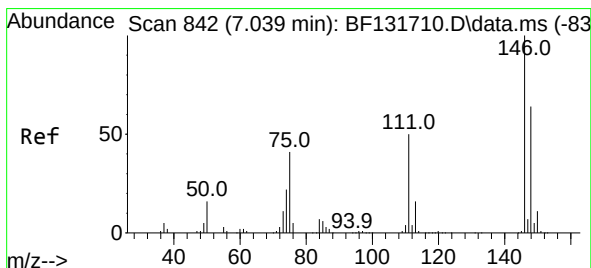
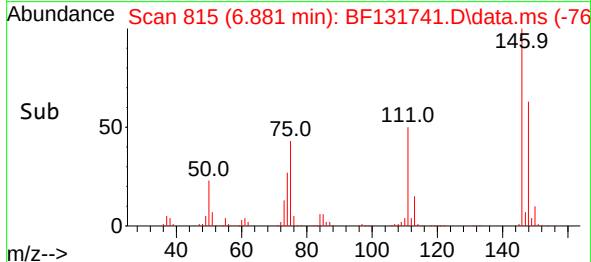
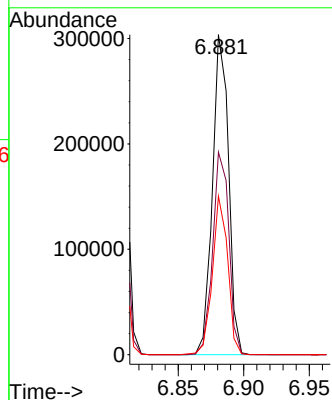
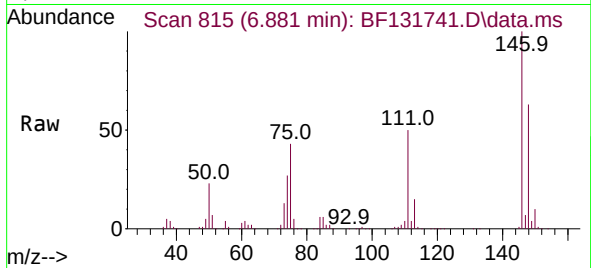




#13
1,4-Dichlorobenzene
Concen: 43.060 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

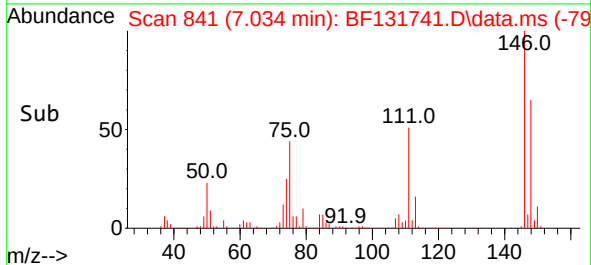
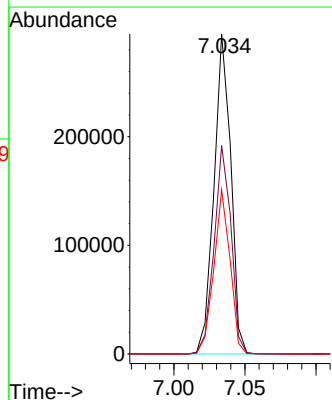
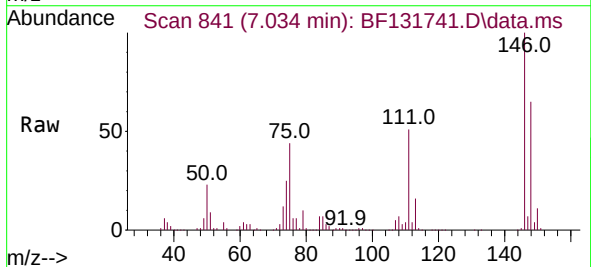
Instrument :
BNA_F
ClientSampleId :
PB149732BS

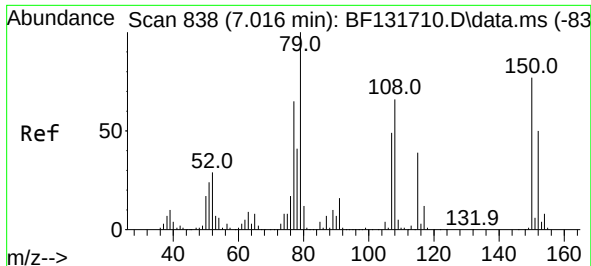
Tgt Ion:146 Resp: 258569
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.4
111 49.5 36.4 54.6



#14
1,2-Dichlorobenzene
Concen: 43.060 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:146 Resp: 242094
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.0
111 51.3 39.8 59.6

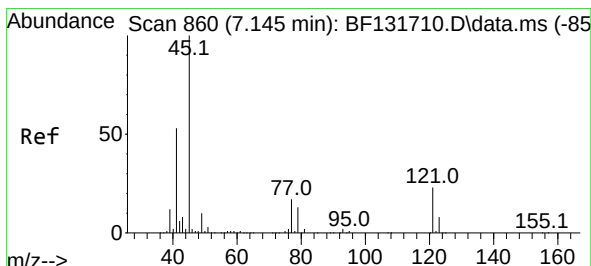
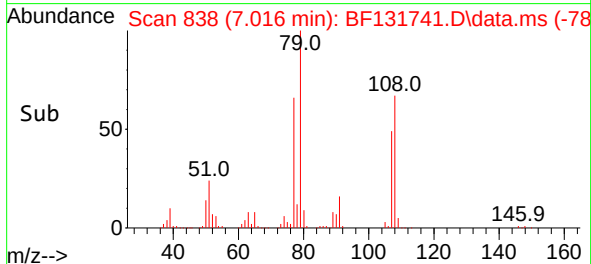
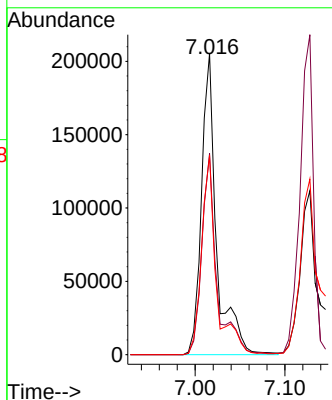
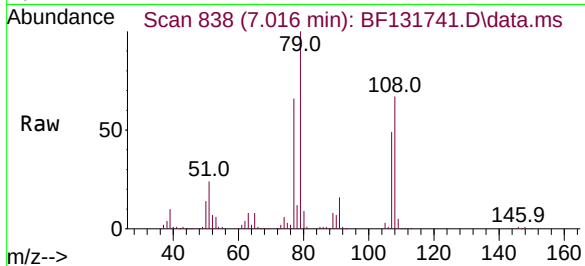




#15
Benzyl Alcohol
Concen: 41.333 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

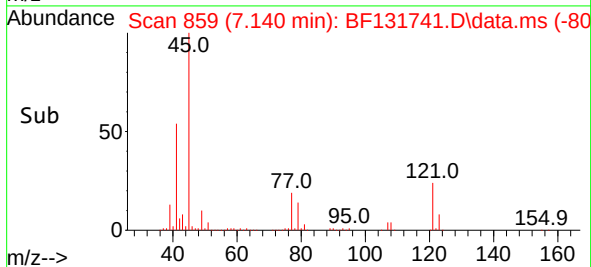
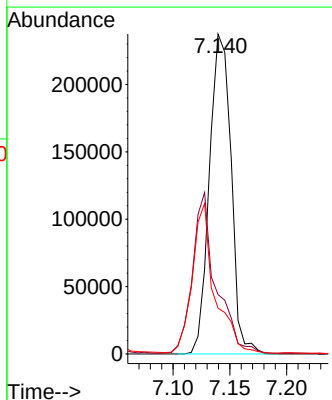
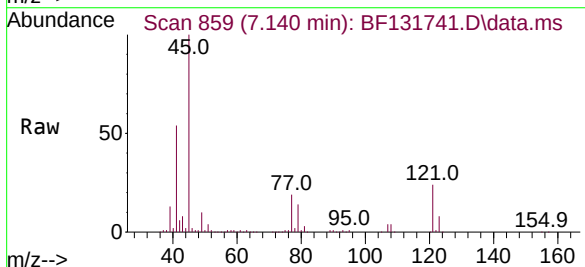
Instrument :
BNA_F
ClientSampleId :
PB149732BS

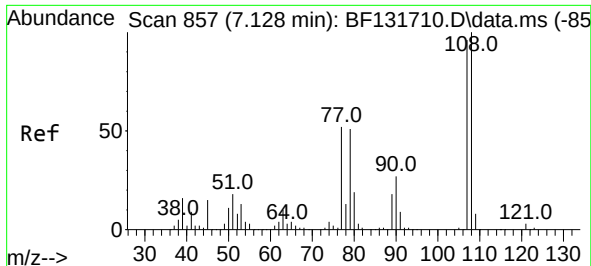
Tgt Ion: 79 Resp: 240426
Ion Ratio Lower Upper
79 100
108 66.8 52.6 78.8
77 66.1 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.371 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion: 45 Resp: 314811
Ion Ratio Lower Upper
45 100
77 18.5 0.0 36.8
79 14.3 0.0 33.1

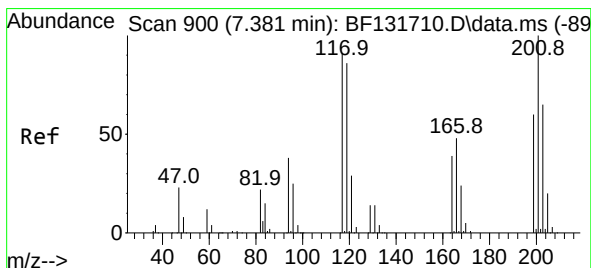
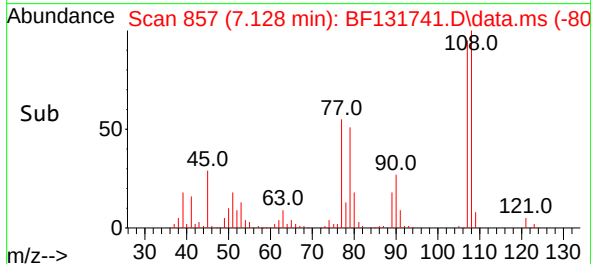
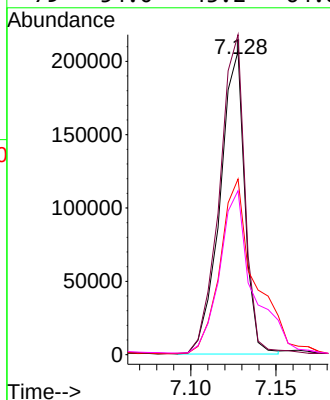
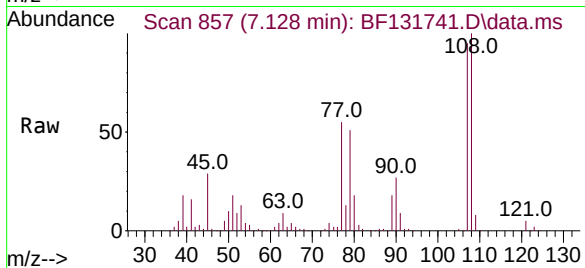




#17
2-Methylphenol
Concen: 42.655 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

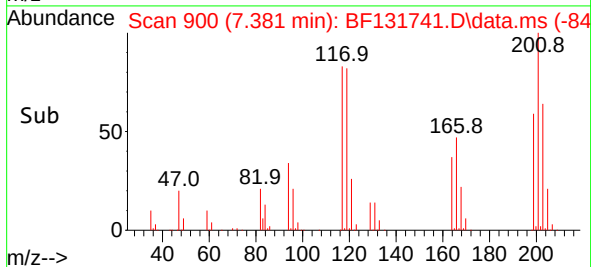
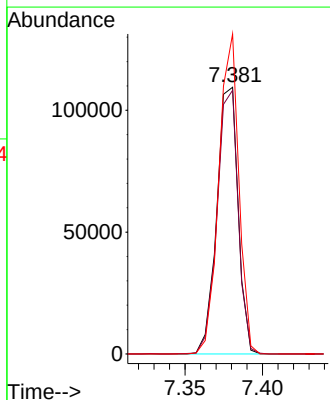
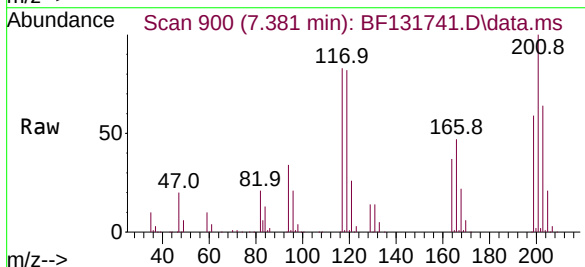
Instrument :
BNA_F
ClientSampleId :
PB149732BS

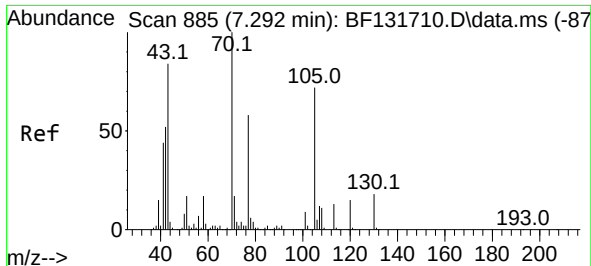
Tgt Ion:	107	Resp:	209269
Ion	Ratio	Lower	Upper
107	100		
108	105.4	83.8	125.6
77	57.9	43.8	65.8
79	54.0	43.2	64.8



#18
Hexachloroethane
Concen: 44.069 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:	117	Resp:	104900
Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.8	113.8
201	119.9	88.2	132.4



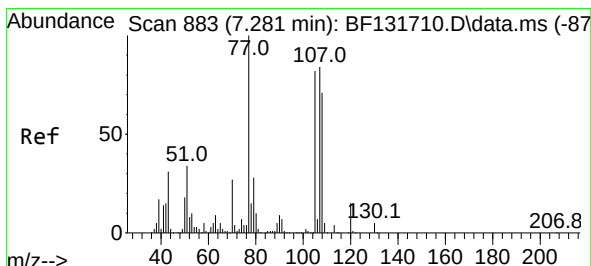
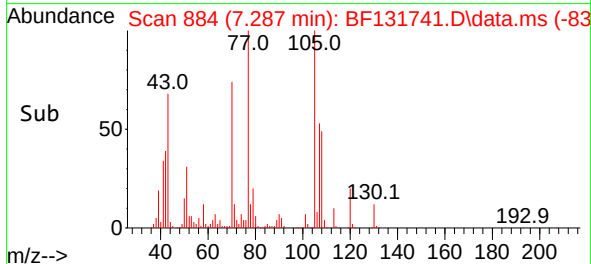
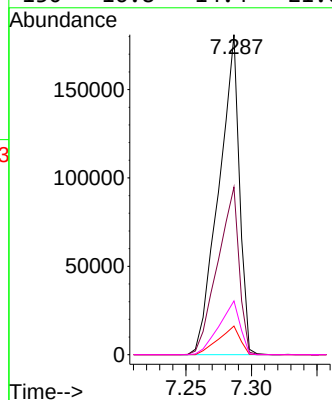
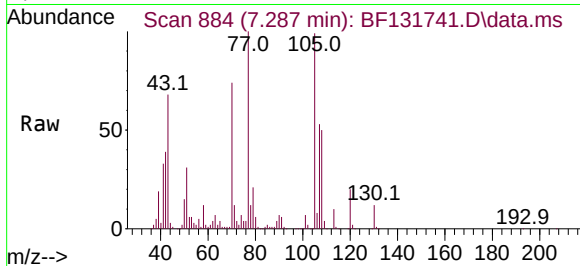


#19
n-Nitroso-di-n-propylamine
Concen: 42.014 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :
BNA_F
ClientSampleId :
PB149732BS

Tgt Ion: 70 Resp: 197334

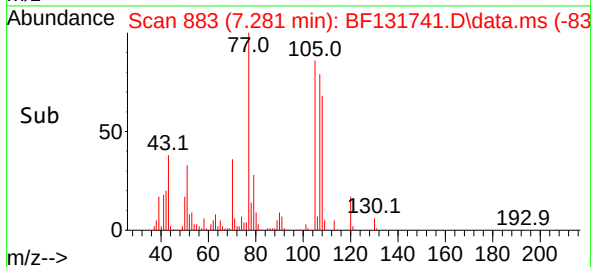
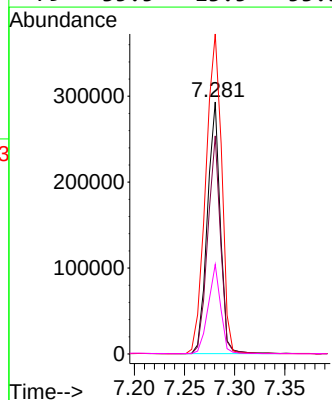
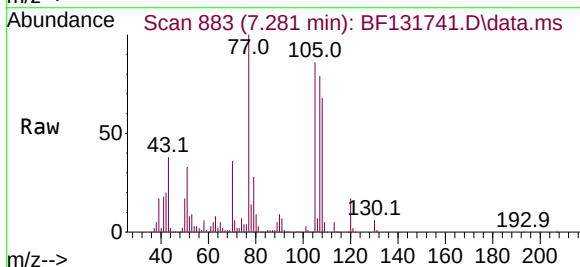
Ion	Ratio	Lower	Upper
70	100		
42	52.4	41.5	62.3
101	9.0	7.3	10.9
130	16.8	14.4	21.6

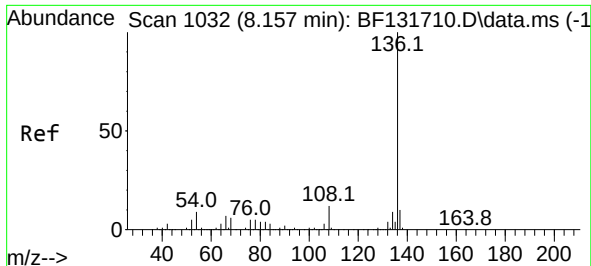


#20
3+4-Methylphenols
Concen: 41.720 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion: 107 Resp: 263432

Ion	Ratio	Lower	Upper
107	100		
108	86.6	65.2	105.2
77	127.0	99.6	139.6
79	35.5	13.5	53.5



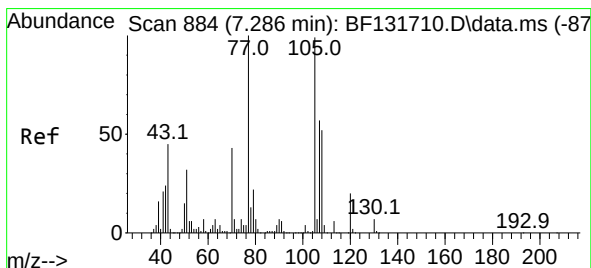
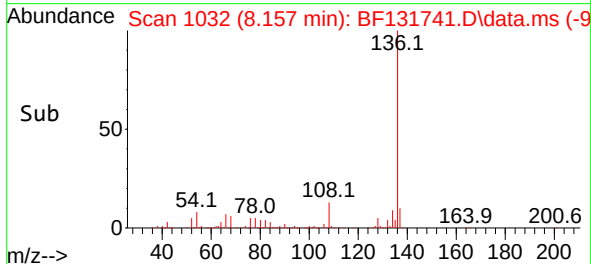
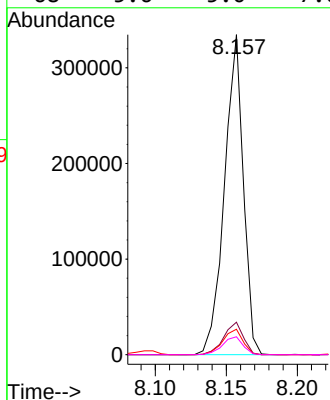
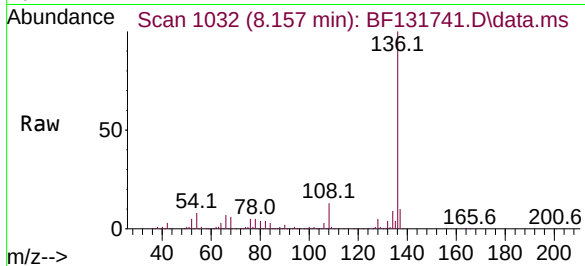


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :
BNA_F
ClientSampleId :
PB149732BS

Tgt Ion:136 Resp: 308057

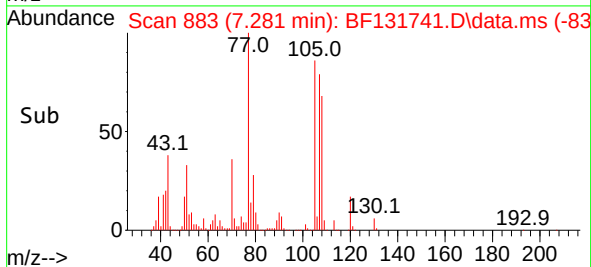
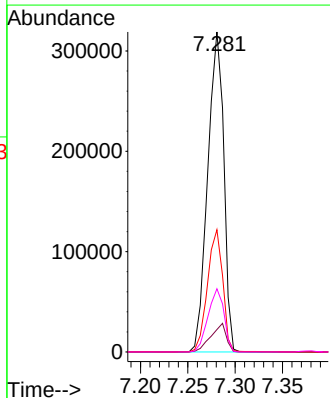
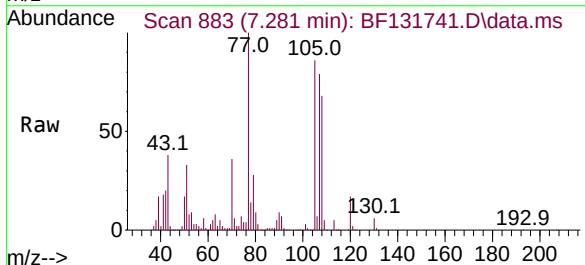
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.4	12.6
54	8.0	7.2	10.8
68	5.6	5.0	7.6

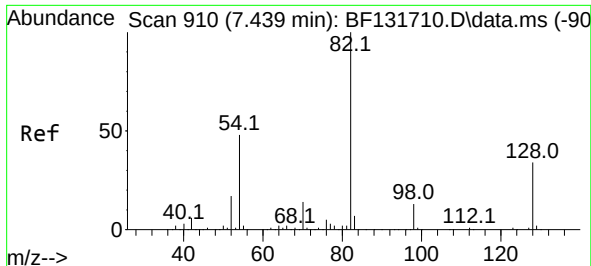


#22
Acetophenone
Concen: 41.780 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:105 Resp: 375597

Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.5	8.3
51	38.2	25.5	38.3
120	19.7	15.9	23.9

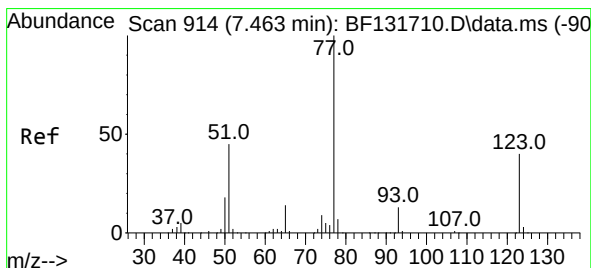
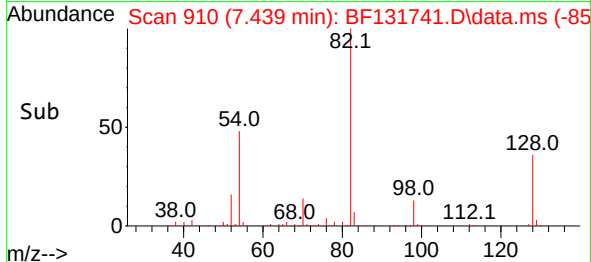
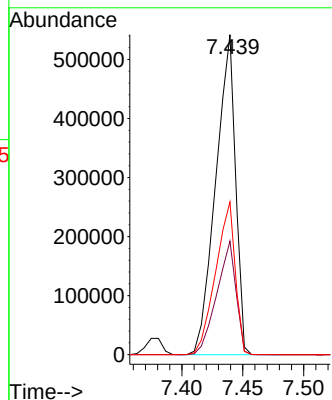
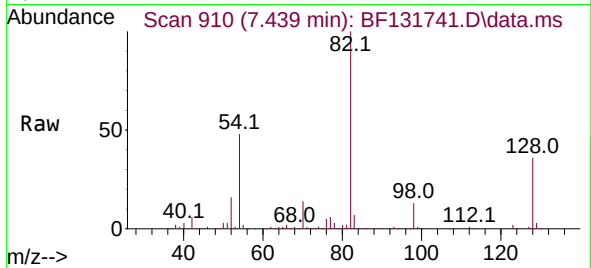




#23
 Nitrobenzene-d5
 Concen: 80.832 ng
 RT: 7.439 min Scan# 910
 Delta R.T. 0.000 min
 Lab File: BF131741.D
 Acq: 21 Dec 2022 11:46

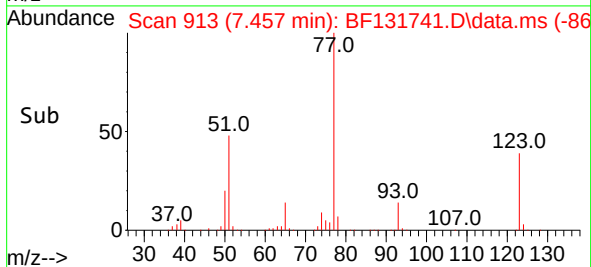
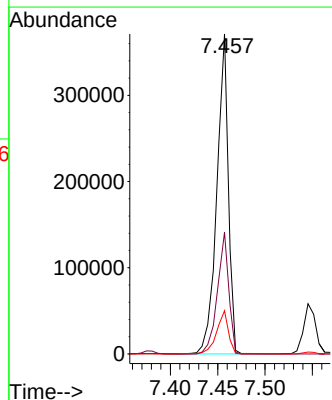
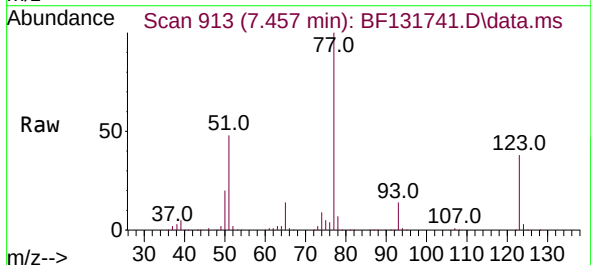
Instrument :
 BNA_F
 ClientSampleId :
 PB149732BS

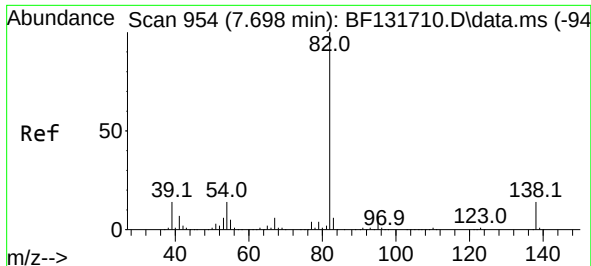
Tgt Ion: 82 Resp: 613382
 Ion Ratio Lower Upper
 82 100
 128 35.5 27.3 40.9
 54 47.8 38.2 57.2



#24
 Nitrobenzene
 Concen: 40.617 ng
 RT: 7.457 min Scan# 913
 Delta R.T. -0.006 min
 Lab File: BF131741.D
 Acq: 21 Dec 2022 11:46

Tgt Ion: 77 Resp: 313334
 Ion Ratio Lower Upper
 77 100
 123 38.1 31.8 47.6
 65 13.5 10.9 16.3

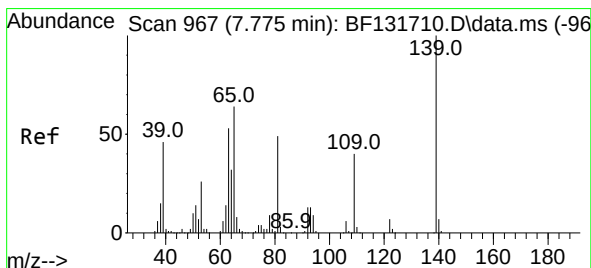
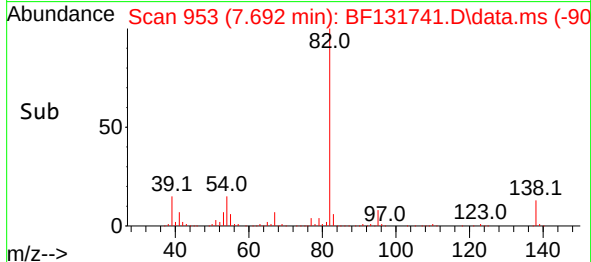
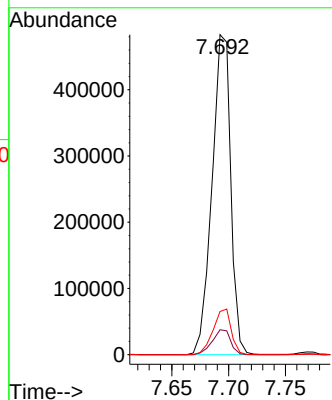
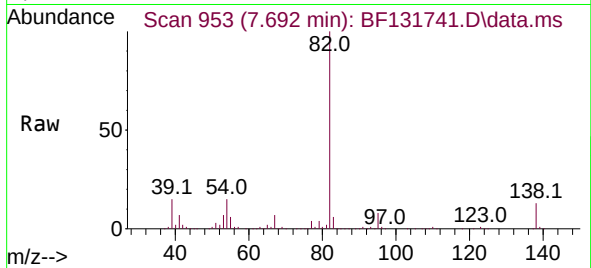




#25
Isophorone
Concen: 43.021 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

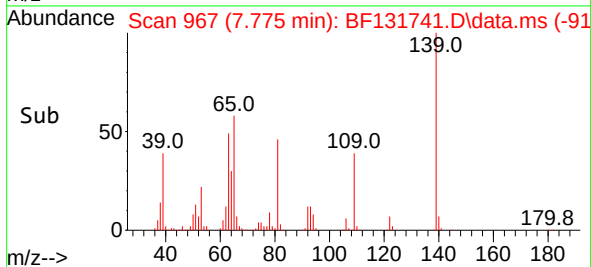
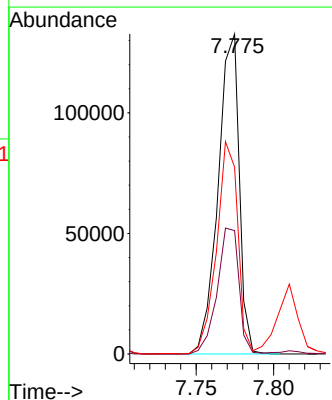
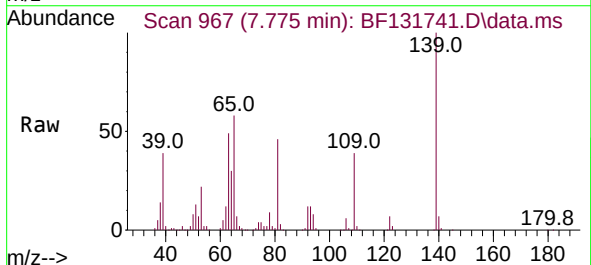
Instrument :
BNA_F
ClientSampleId :
PB149732BS

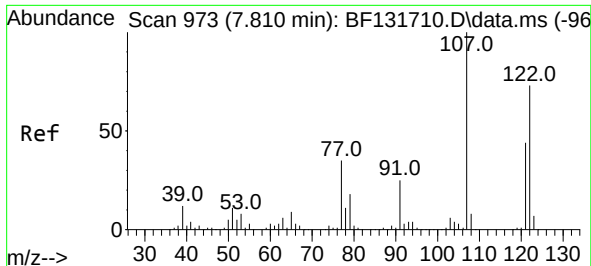
Tgt Ion: 82 Resp: 554402
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 13.5 11.6 17.4



#26
2-Nitrophenol
Concen: 41.729 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion: 139 Resp: 125808
Ion Ratio Lower Upper
139 100
109 38.5 31.8 47.6
65 58.3 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 49.776 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

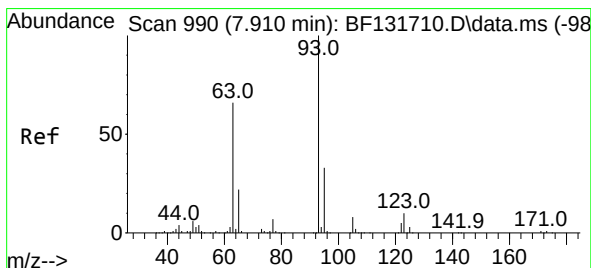
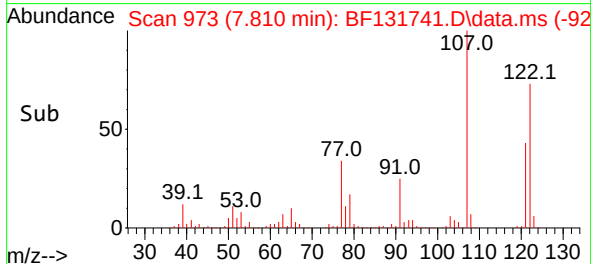
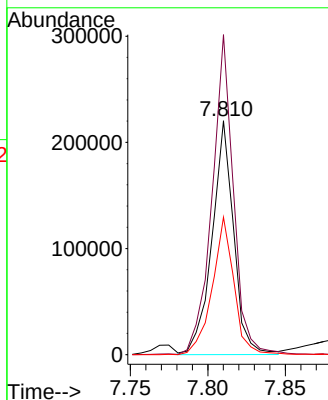
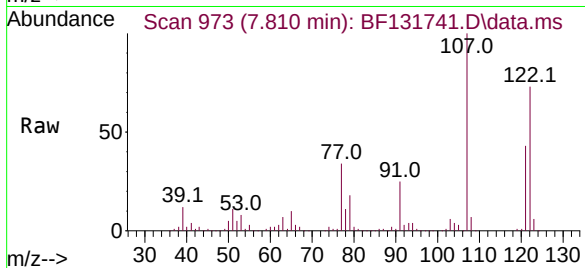
Tgt Ion:122 Resp: 213740

Ion Ratio Lower Upper

122 100

107 136.8 110.1 165.1

121 58.8 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 45.999 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

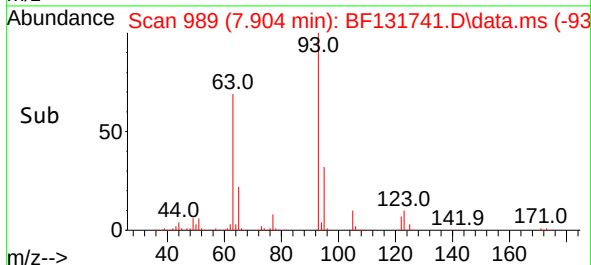
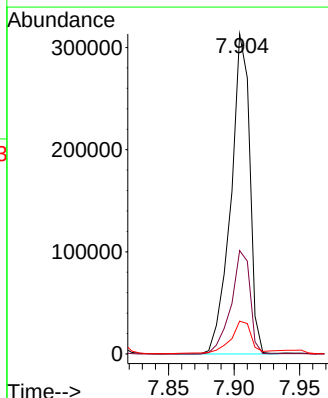
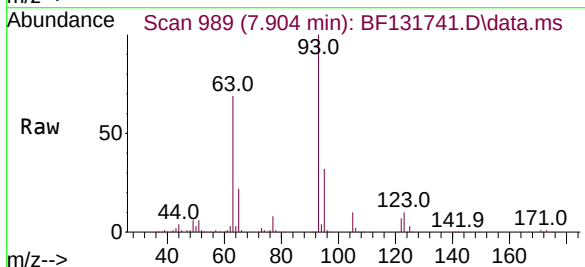
Tgt Ion: 93 Resp: 314785

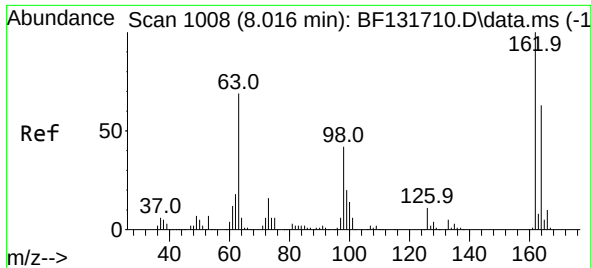
Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

123 10.3 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 41.711 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

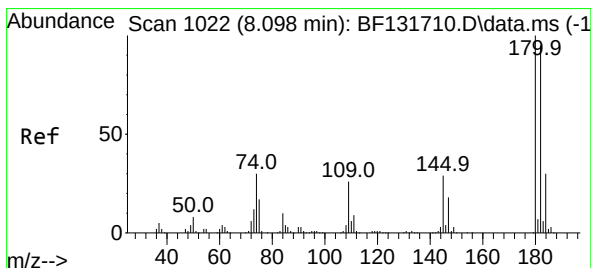
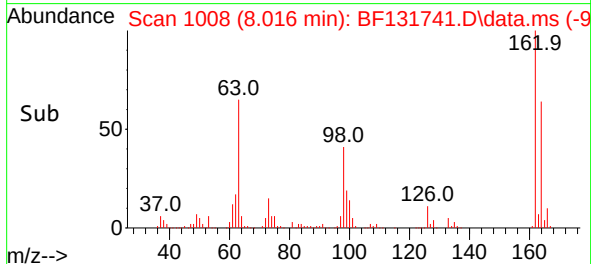
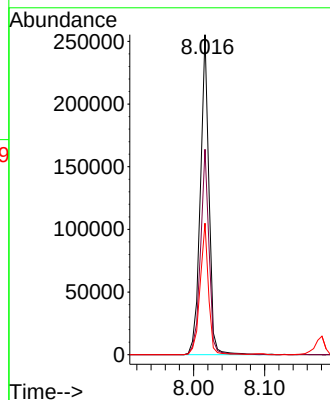
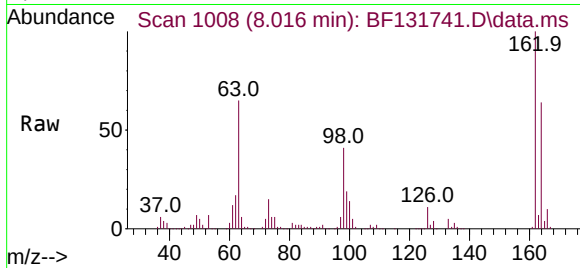
Tgt Ion:162 Resp: 216225

Ion Ratio Lower Upper

162 100

164 64.2 42.9 82.9

98 41.1 21.9 61.9



#30

1,2,4-Trichlorobenzene

Concen: 40.504 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

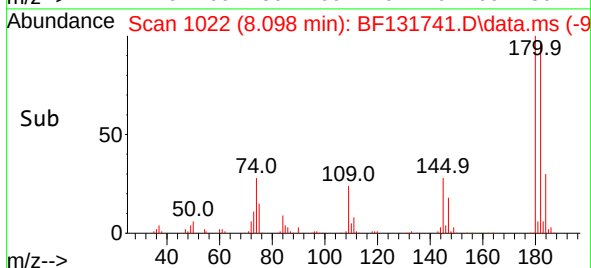
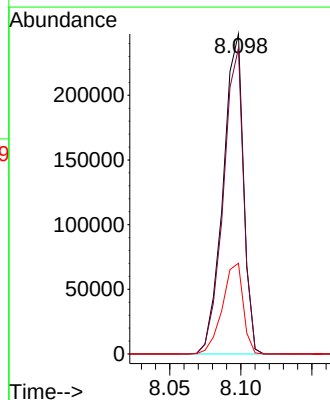
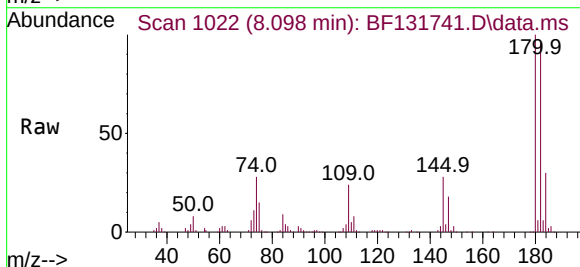
Tgt Ion:180 Resp: 246837

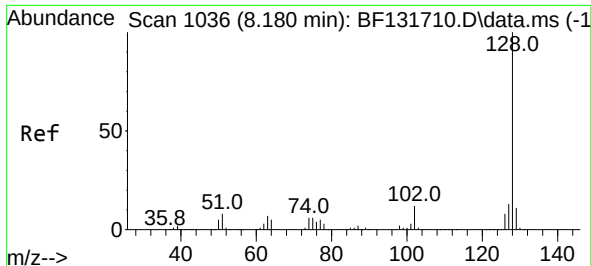
Ion Ratio Lower Upper

180 100

182 95.6 76.1 114.1

145 28.3 23.4 35.0

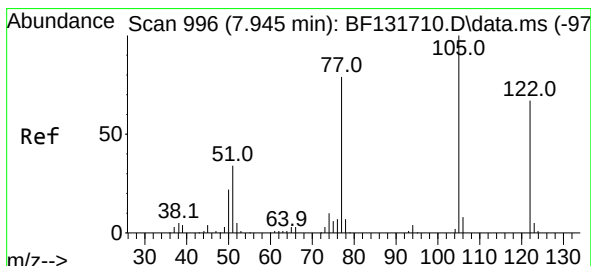
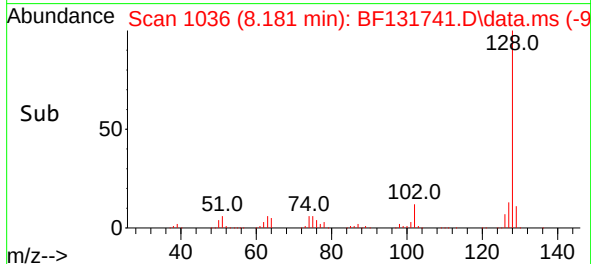
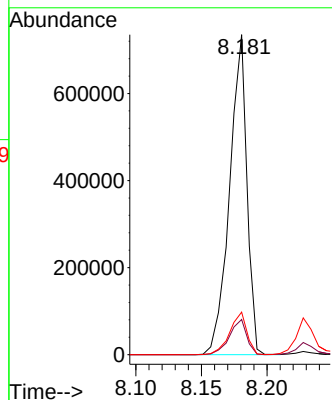
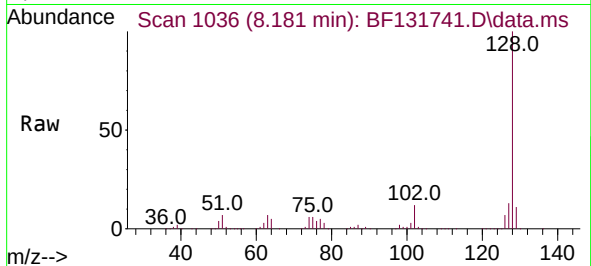




#31
Naphthalene
Concen: 40.199 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

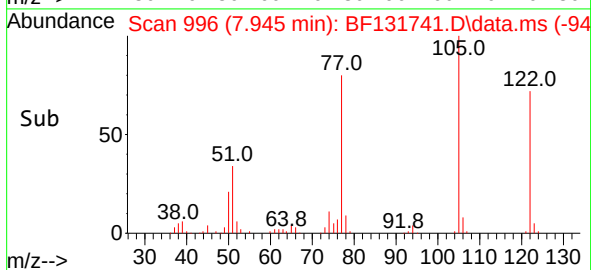
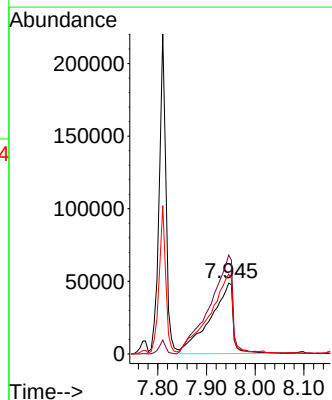
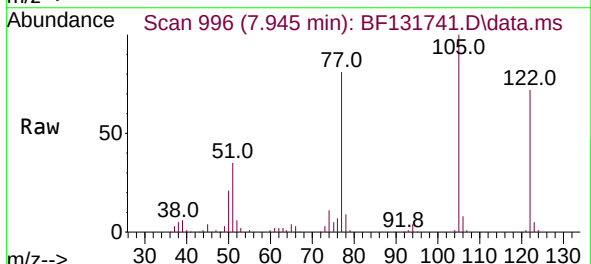
Instrument :
BNA_F
ClientSampleId :
PB149732BS

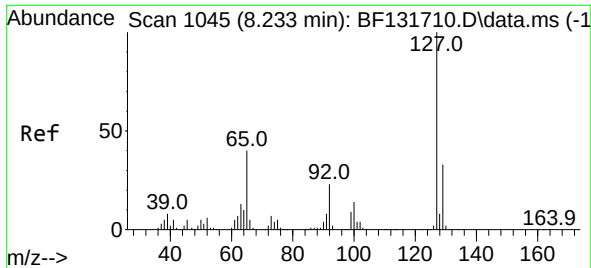
Tgt Ion:128 Resp: 676300
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 46.396 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:122 Resp: 159476
Ion Ratio Lower Upper
122 100
105 139.3 125.1 165.1
77 112.5 95.3 135.3

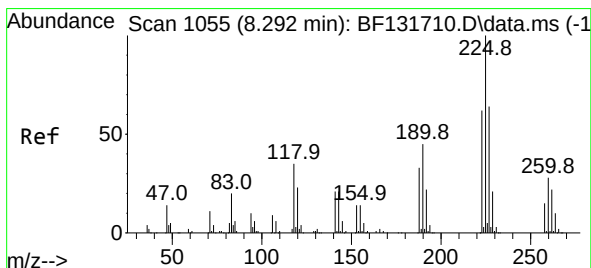
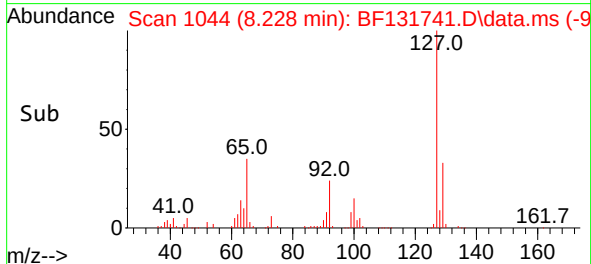
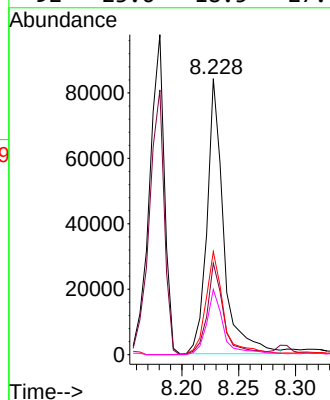
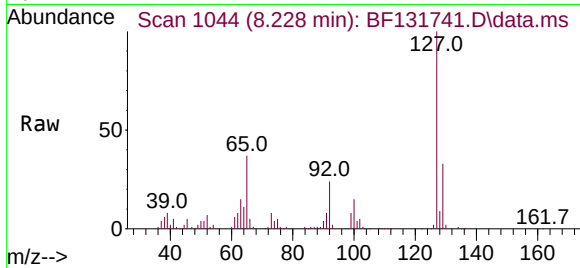




#33
4-Chloroaniline
Concen: 13.063 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

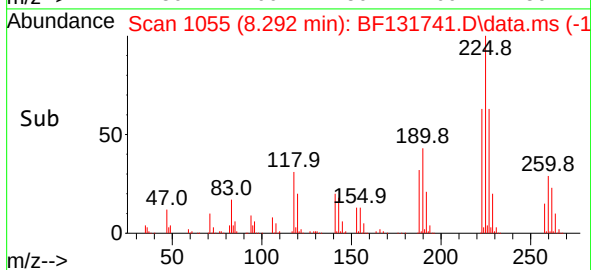
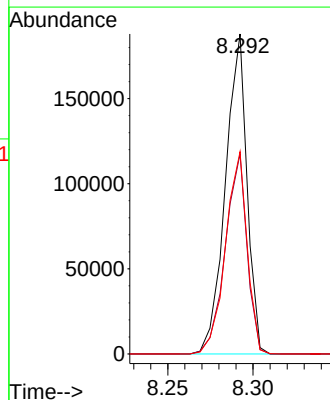
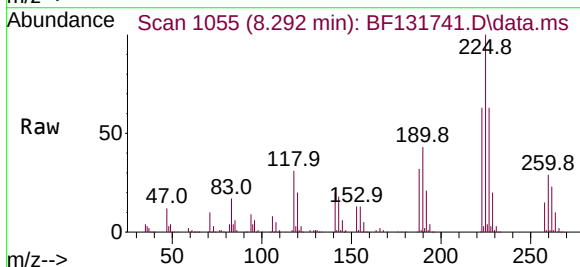
Instrument :
BNA_F
ClientSampleId :
PB149732BS

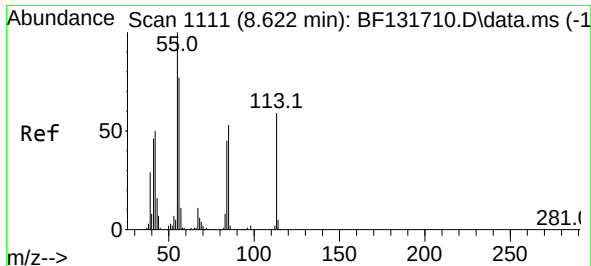
Tgt Ion:	127	Resp:	85706
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.1	39.1
65	37.3	31.8	47.6
92	23.6	18.5	27.7



#34
Hexachlorobutadiene
Concen: 40.353 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:	225	Resp:	165453
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.5	74.3
227	63.2	51.0	76.4

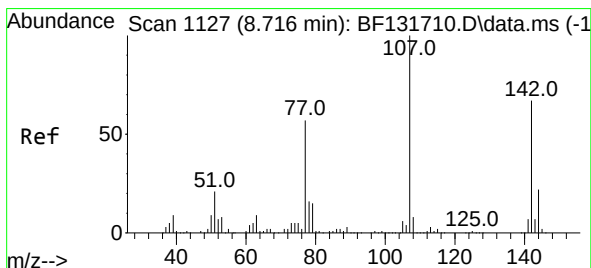
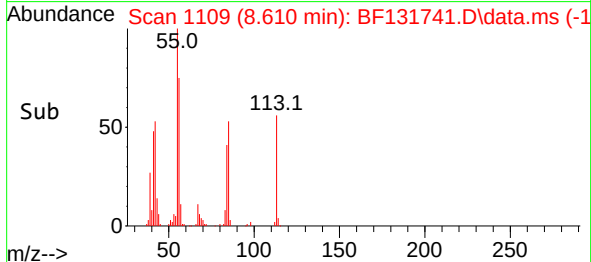
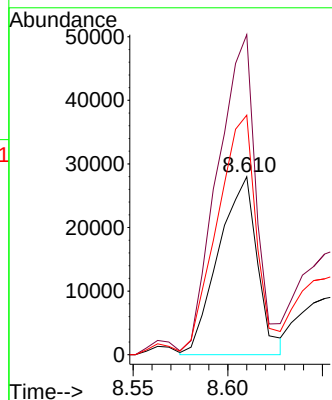
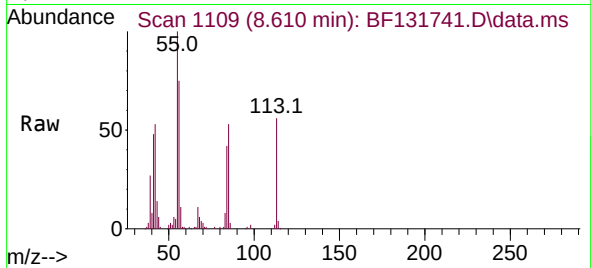




#35
Caprolactam
Concen: 25.487 ng
RT: 8.610 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

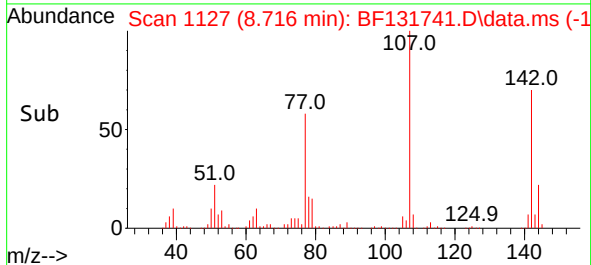
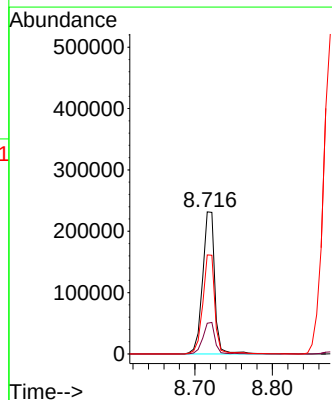
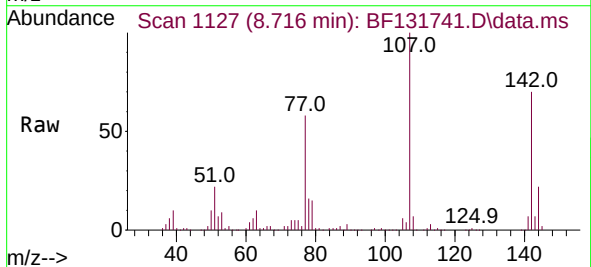
Instrument :
BNA_F
ClientSampleId :
PB149732BS

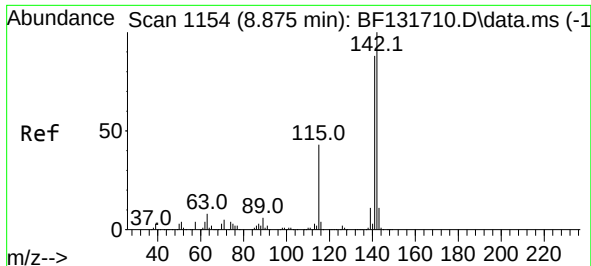
Tgt Ion:113 Resp: 39838
Ion Ratio Lower Upper
113 100
55 179.8 149.0 189.0
56 134.6 109.5 149.5



#36
4-Chloro-3-methylphenol
Concen: 42.641 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:107 Resp: 252509
Ion Ratio Lower Upper
107 100
144 21.6 17.5 26.3
142 69.7 53.4 80.0





#37

2-Methylnaphthalene

Concen: 40.324 ng

RT: 8.875 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

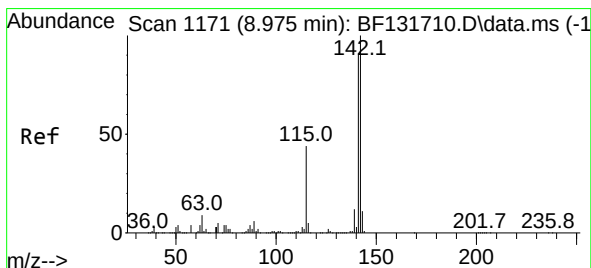
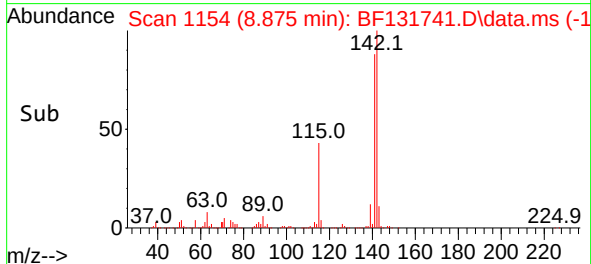
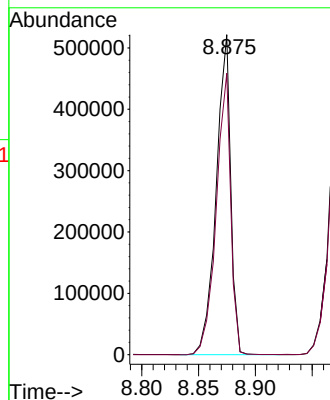
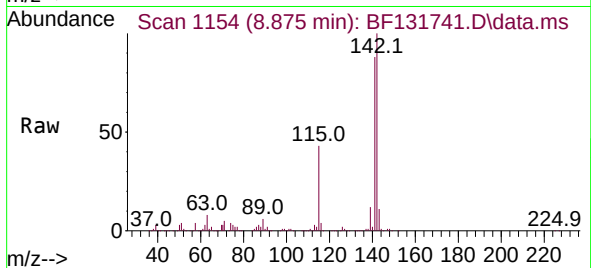
PB149732BS

Tgt Ion:142 Resp: 462754

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6



#38

1-Methylnaphthalene

Concen: 38.464 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF131741.D

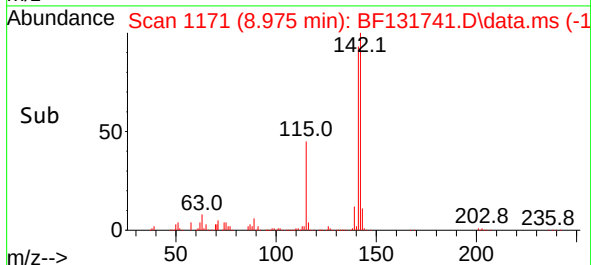
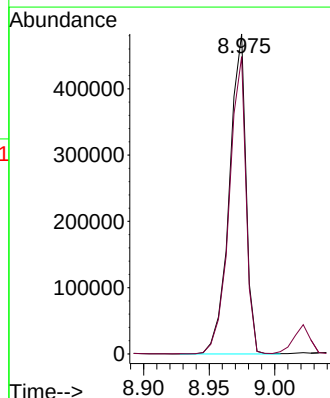
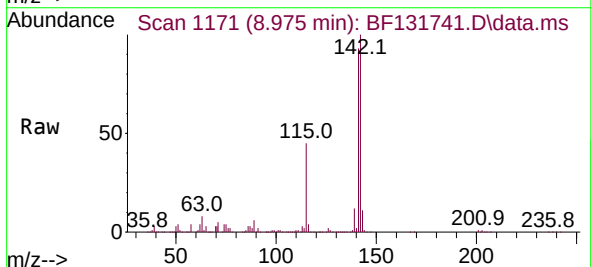
Acq: 21 Dec 2022 11:46

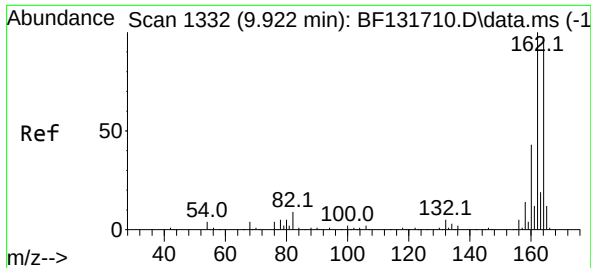
Tgt Ion:142 Resp: 427523

Ion Ratio Lower Upper

142 100

141 92.9 73.0 109.6

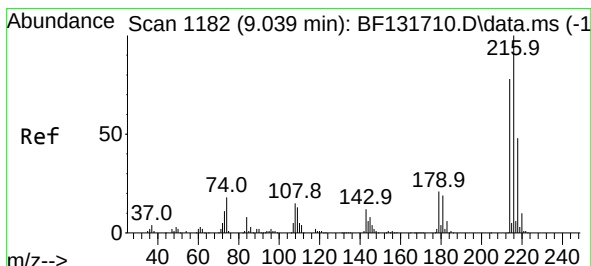
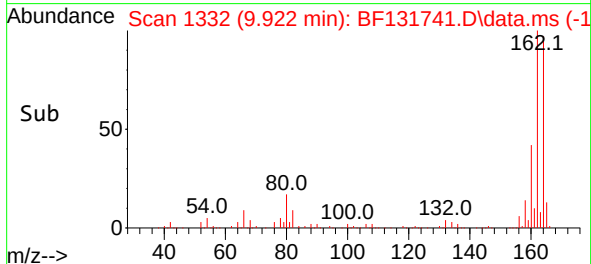
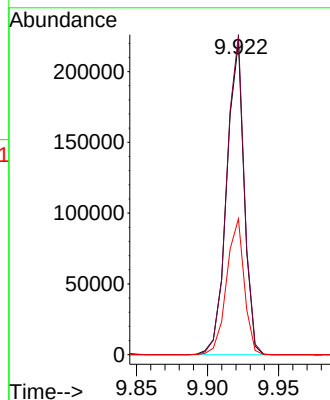
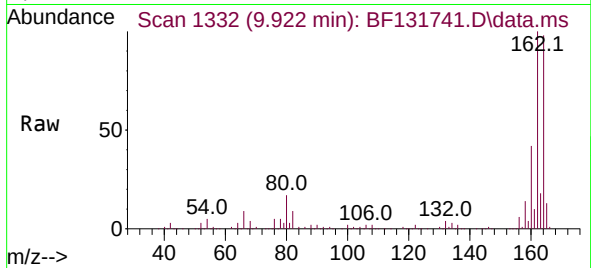




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

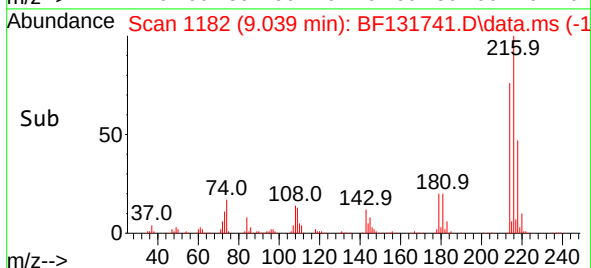
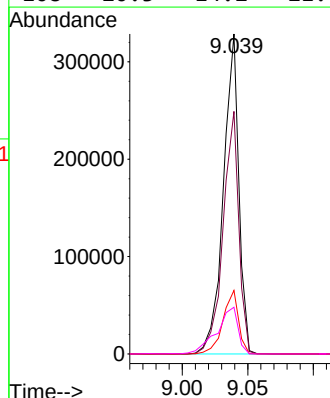
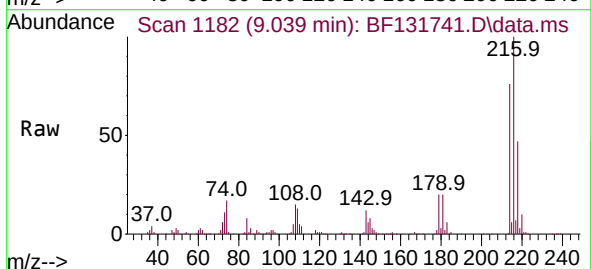
Instrument :
BNA_F
ClientSampleId :
PB149732BS

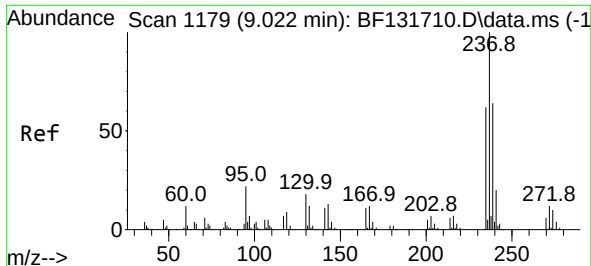
Tgt Ion:164 Resp: 189185
Ion Ratio Lower Upper
164 100
162 102.3 83.7 125.5
160 43.4 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.394 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:216 Resp: 267925
Ion Ratio Lower Upper
216 100
214 77.2 62.9 94.3
179 20.1 16.3 24.5
108 20.3 14.2 21.4

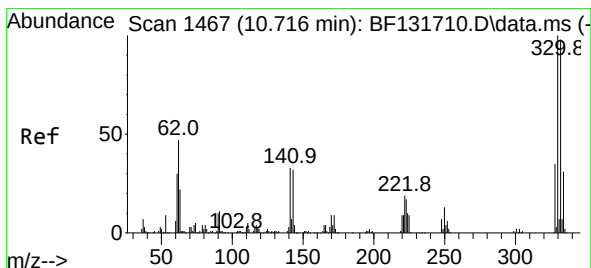
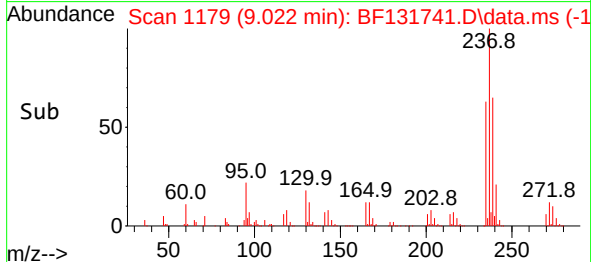
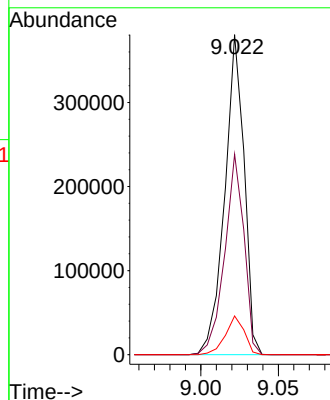
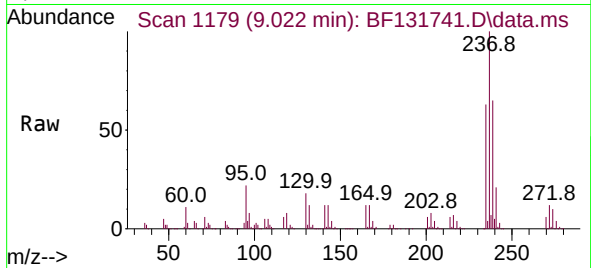




#41
Hexachlorocyclopentadiene
Concen: 112.851 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

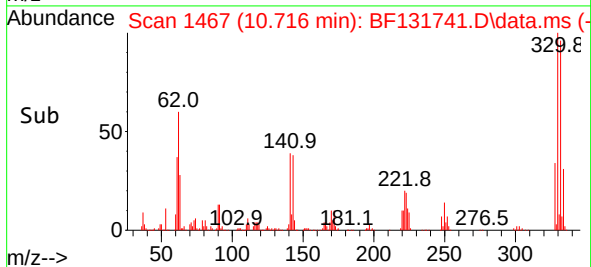
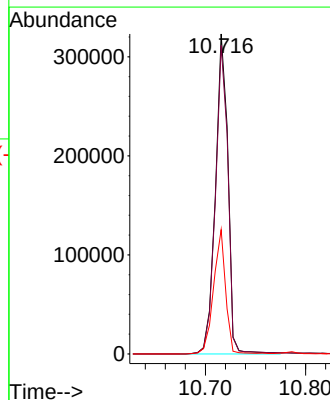
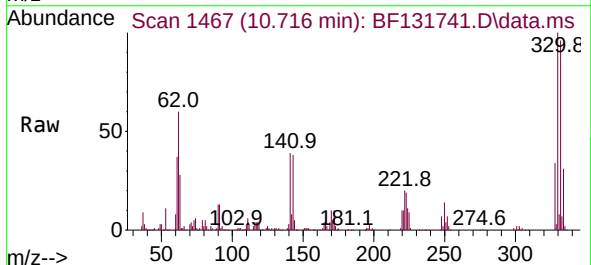
Instrument :
BNA_F
ClientSampleId :
PB149732BS

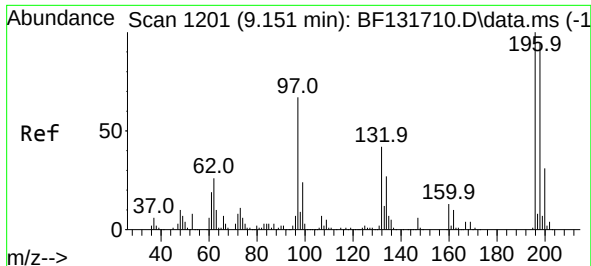
Tgt Ion:237 Resp: 330928
Ion Ratio Lower Upper
237 100
235 62.7 42.2 82.2
272 12.1 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 135.363 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:330 Resp: 280297
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 37.6 30.4 45.6

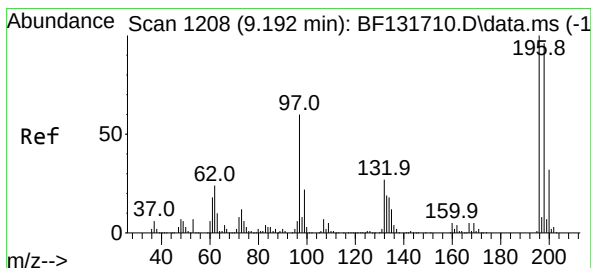
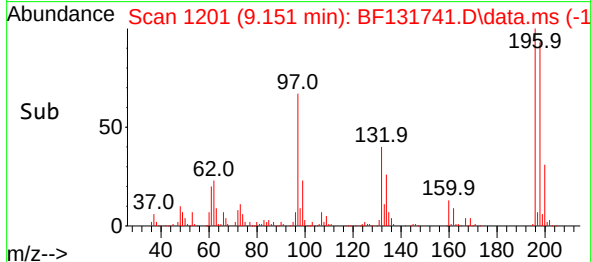
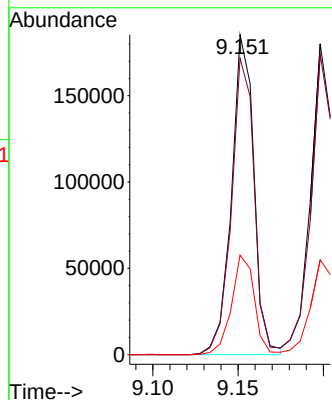
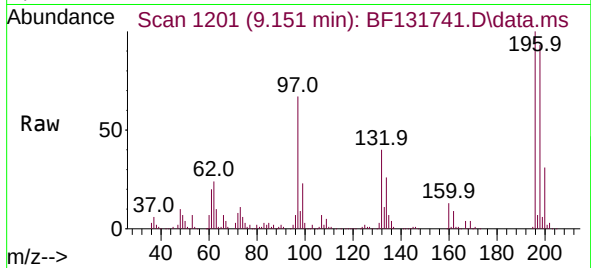




#43
2,4,6-Trichlorophenol
Concen: 40.160 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

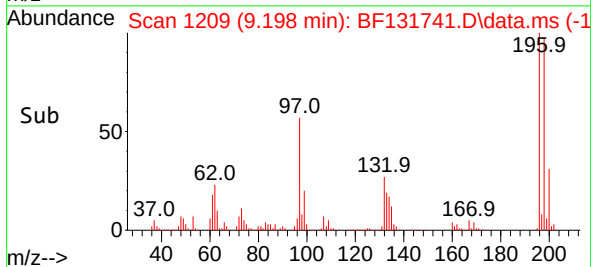
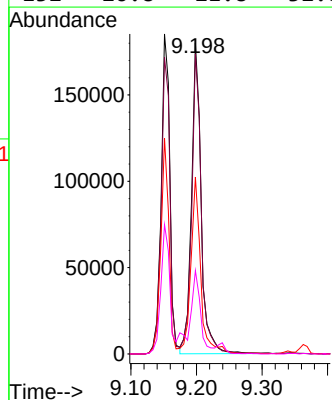
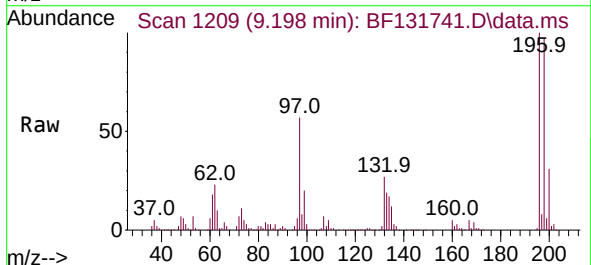
Instrument :
BNA_F
ClientSampleId :
PB149732BS

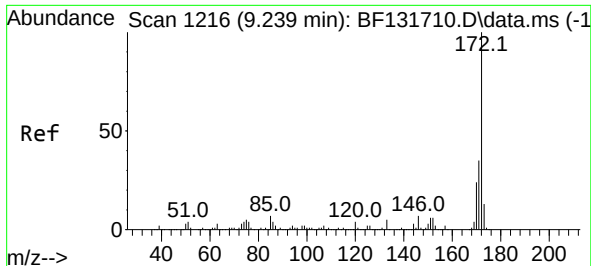
Tgt Ion:196 Resp: 169803
Ion Ratio Lower Upper
196 100
198 92.6 75.5 113.3
200 31.1 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 40.404 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:196 Resp: 184941
Ion Ratio Lower Upper
196 100
198 96.6 76.6 114.8
97 56.9 47.7 71.5
132 26.8 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 79.740 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

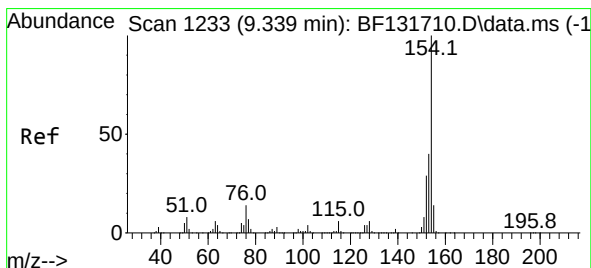
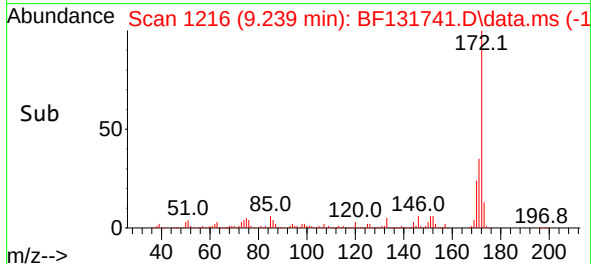
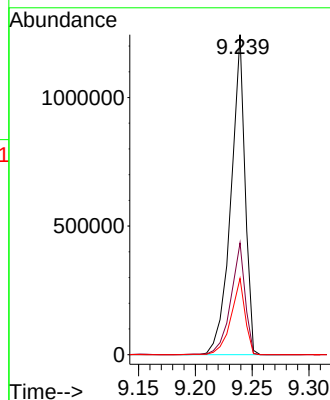
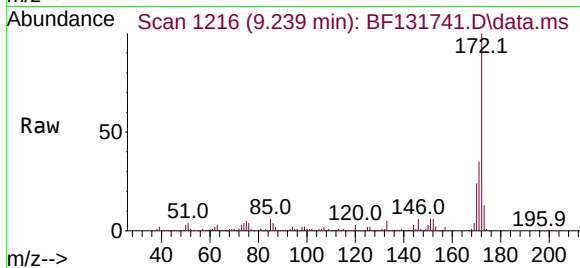
Tgt Ion:172 Resp: 1076911

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.290 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

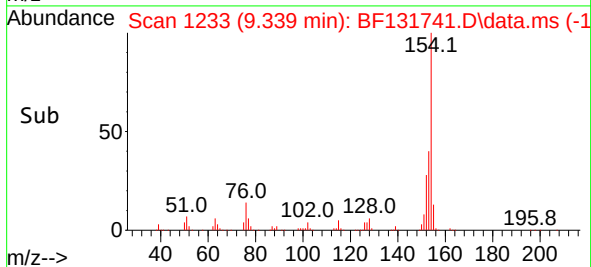
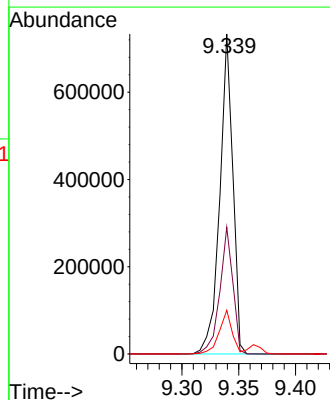
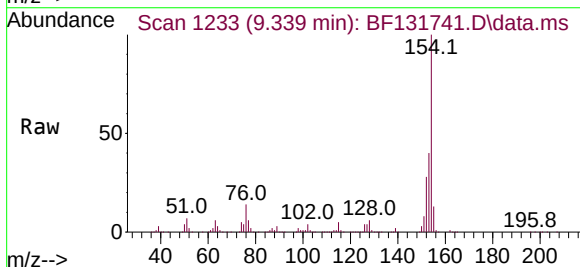
Tgt Ion:154 Resp: 587576

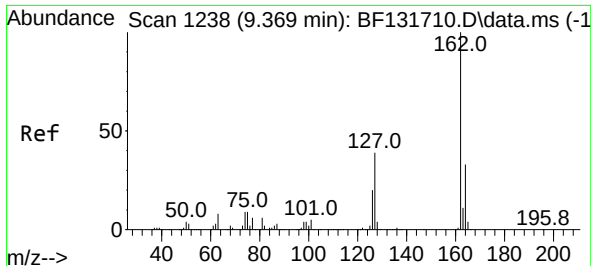
Ion Ratio Lower Upper

154 100

153 39.6 20.1 60.1

76 13.6 0.0 33.6





#47

2-Chloronaphthalene

Concen: 40.297 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

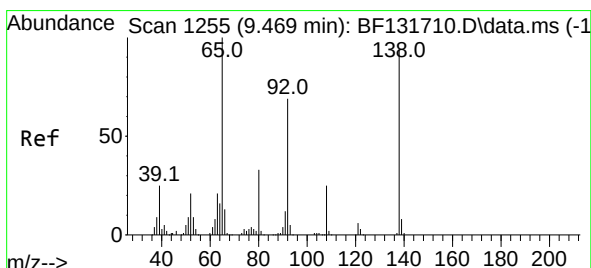
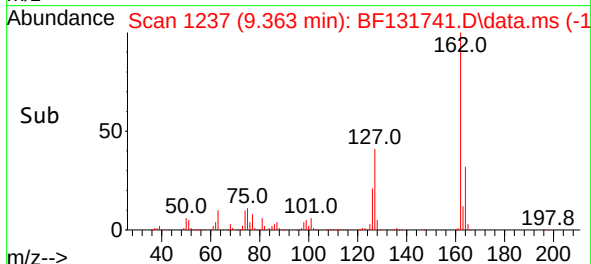
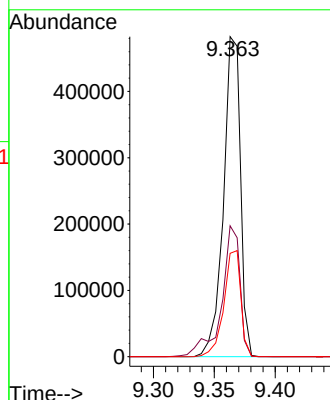
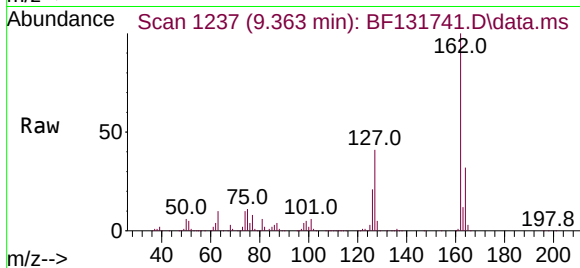
Tgt Ion:162 Resp: 469564

Ion Ratio Lower Upper

162 100

127 40.9 31.4 47.2

164 32.3 26.6 39.8



#48

2-Nitroaniline

Concen: 40.421 ng

RT: 9.469 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

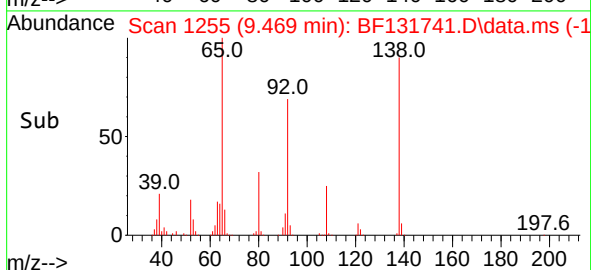
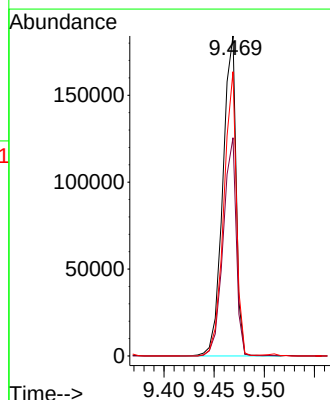
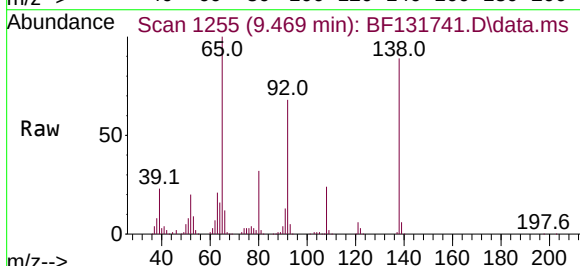
Tgt Ion: 65 Resp: 169764

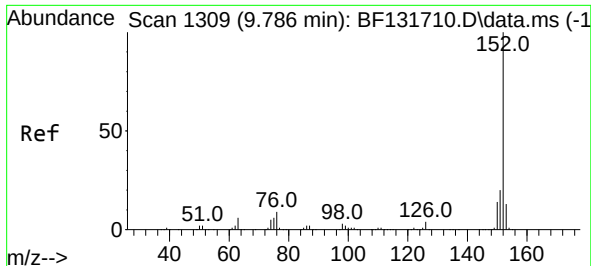
Ion Ratio Lower Upper

65 100

92 68.2 55.5 83.3

138 88.8 74.8 112.2





#49

Acenaphthylene

Concen: 40.483 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

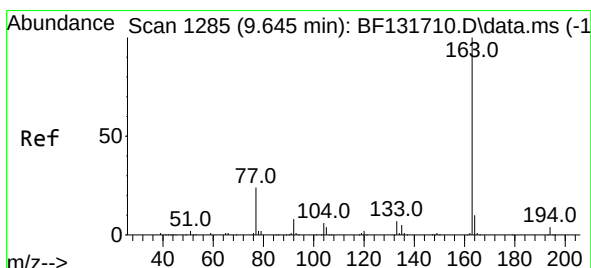
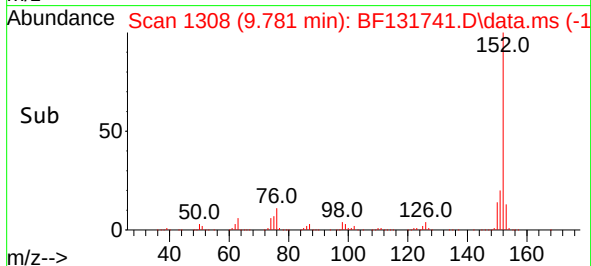
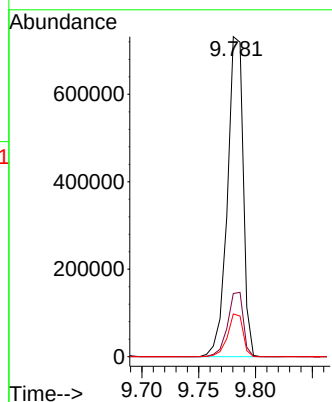
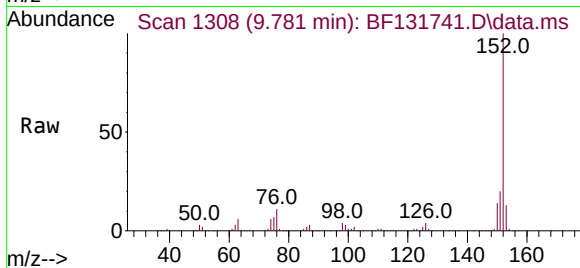
Tgt Ion:152 Resp: 707542

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 41.457 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

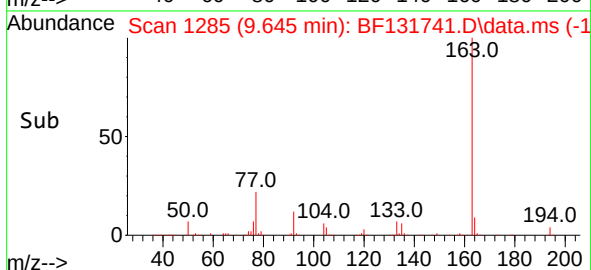
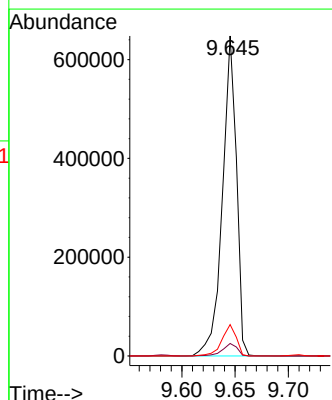
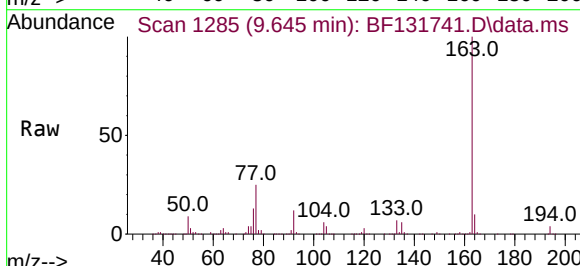
Tgt Ion:163 Resp: 590149

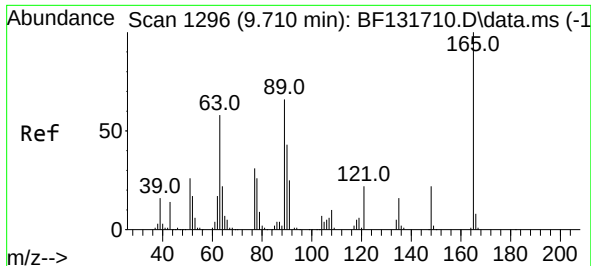
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.8 8.2 12.4

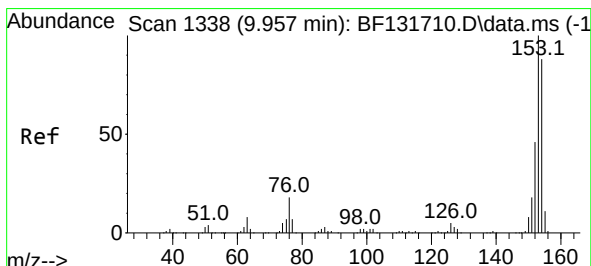
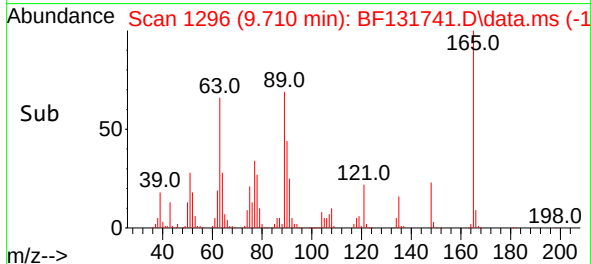
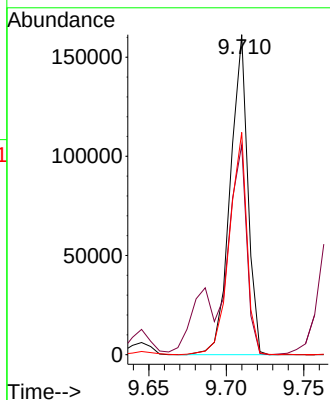
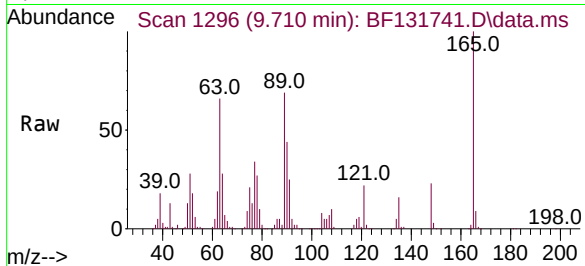




#51
2,6-Dinitrotoluene
Concen: 41.569 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

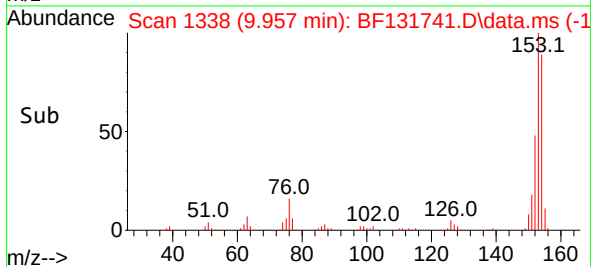
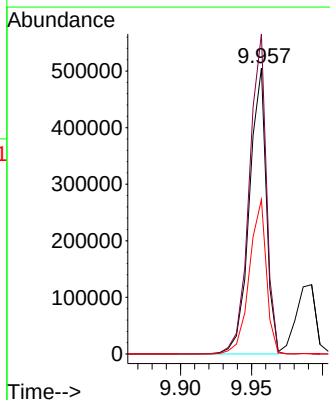
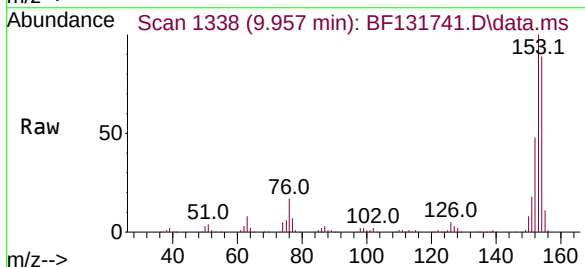
Instrument :
BNA_F
ClientSampleId :
PB149732BS

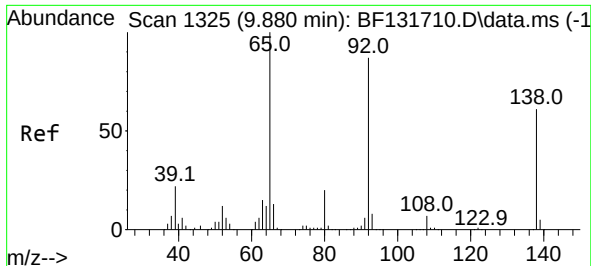
Tgt Ion:165 Resp: 127241
Ion Ratio Lower Upper
165 100
63 65.6 51.8 77.8
89 69.4 53.2 79.8



#52
Acenaphthene
Concen: 39.157 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:154 Resp: 419237
Ion Ratio Lower Upper
154 100
153 112.0 90.4 135.6
152 54.1 42.0 63.0

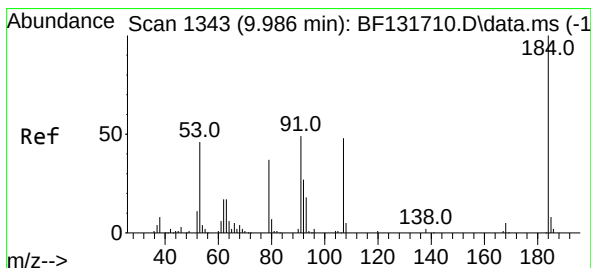
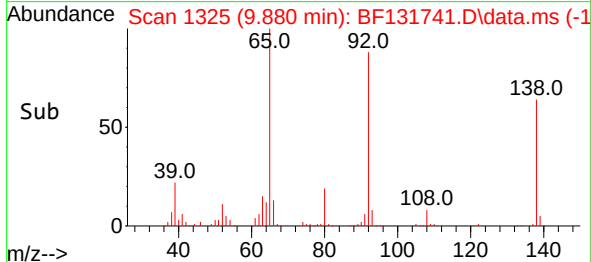
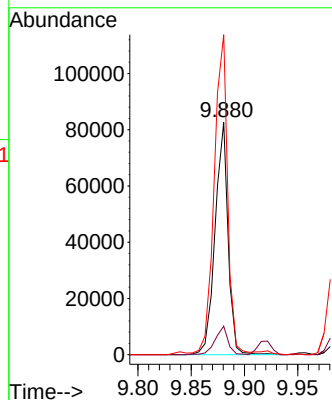
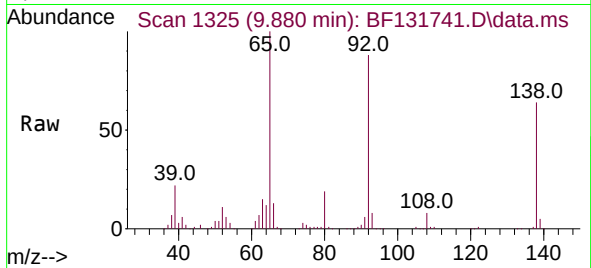




#53
3-Nitroaniline
Concen: 22.411 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

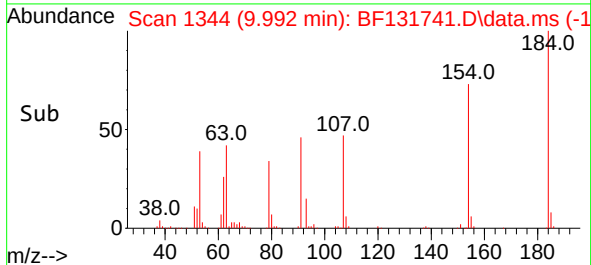
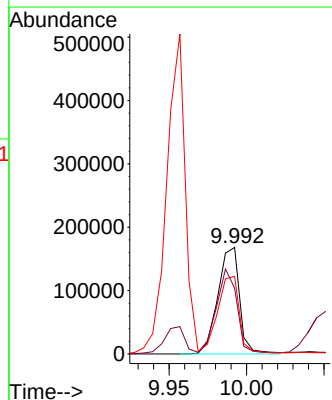
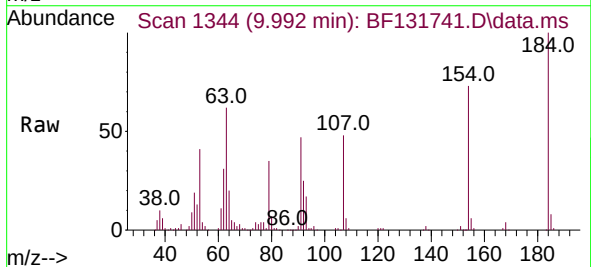
Instrument :
BNA_F
ClientSampleId :
PB149732BS

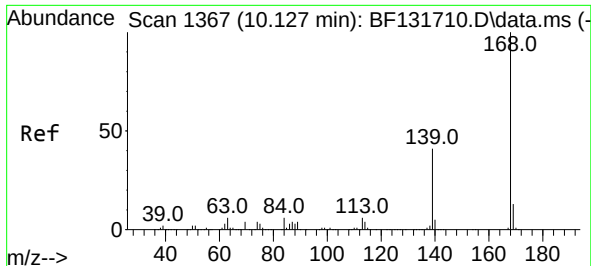
Tgt Ion:138 Resp: 70191
Ion Ratio Lower Upper
138 100
108 12.3 9.2 13.8
92 137.7 114.6 171.8



#54
2,4-Dinitrophenol
Concen: 89.726 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:184 Resp: 164562
Ion Ratio Lower Upper
184 100
63 61.8 55.8 83.8
154 72.9 57.1 85.7

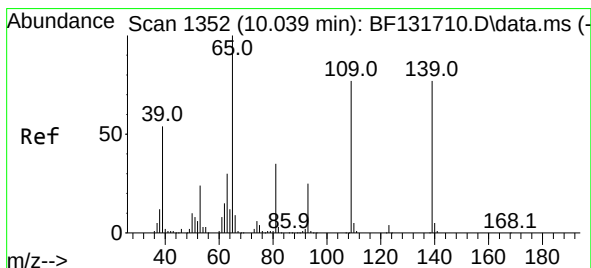
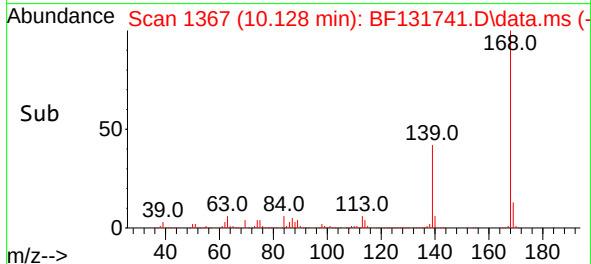
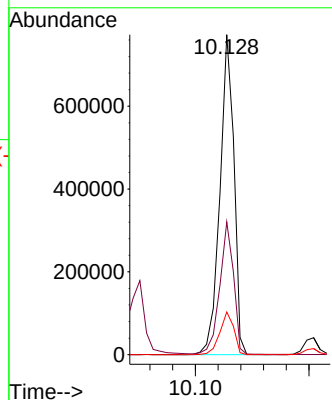
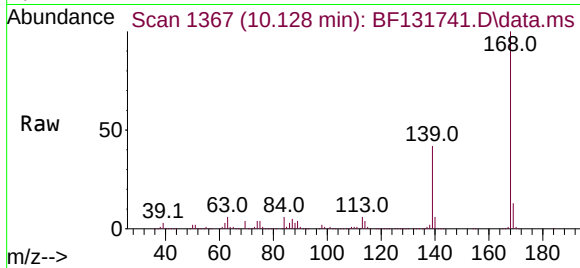




#55
Dibenzenofuran
Concen: 40.424 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

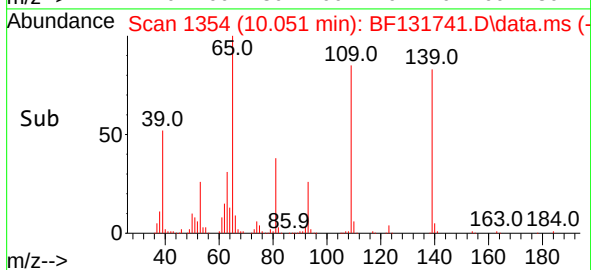
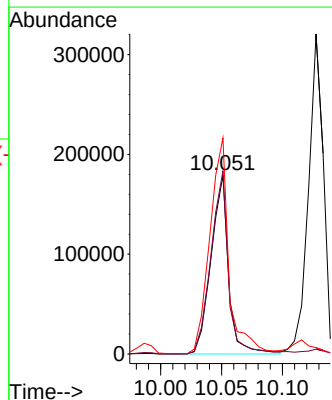
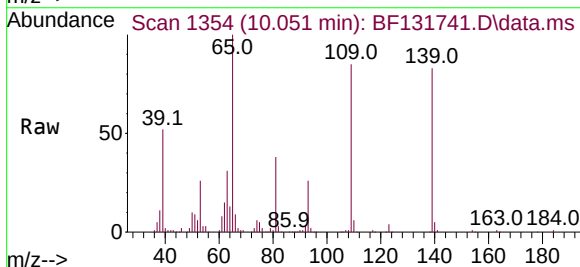
Instrument :
BNA_F
ClientSampleId :
PB149732BS

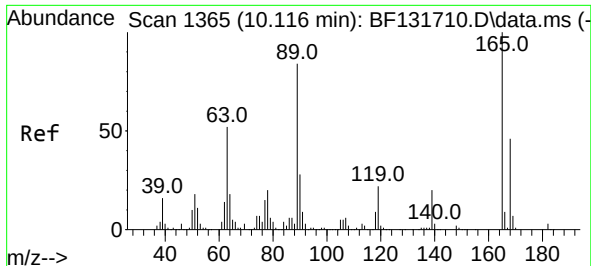
Tgt Ion:168 Resp: 663672
Ion Ratio Lower Upper
168 100
139 41.5 32.7 49.1
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 79.643 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

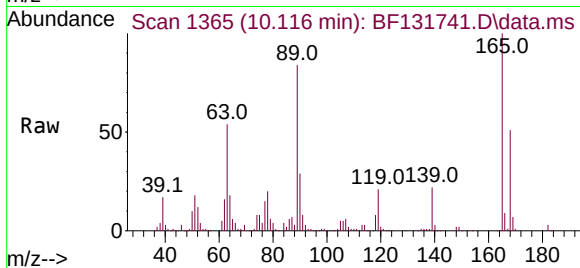
Tgt Ion:139 Resp: 178530
Ion Ratio Lower Upper
139 100
109 102.3 79.9 119.9
65 120.9 110.2 150.2



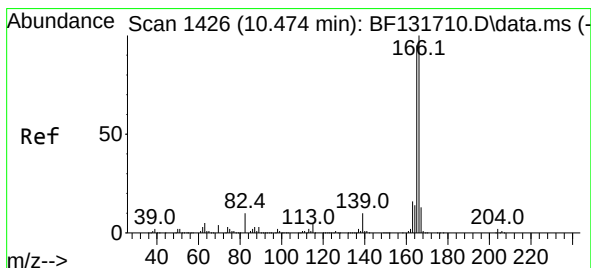
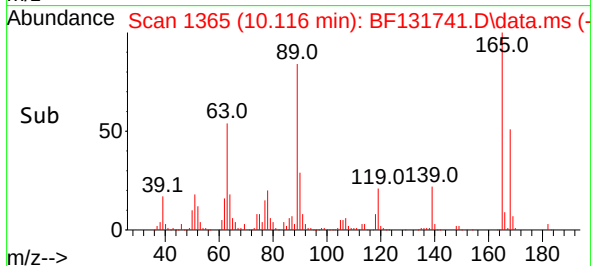
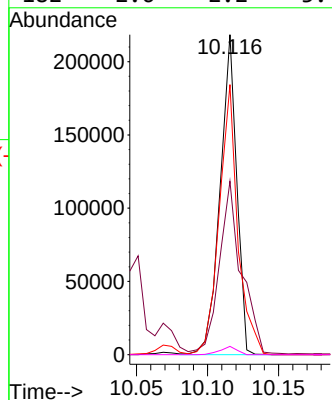


#57
2,4-Dinitrotoluene
Concen: 43.231 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :
BNA_F
ClientSampleId :
PB149732BS

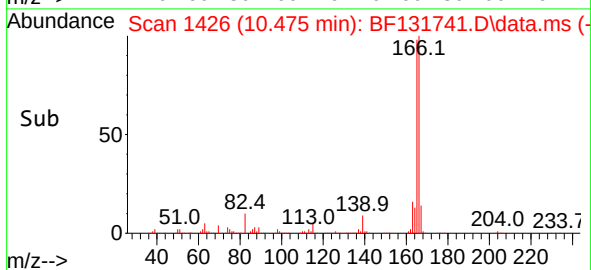
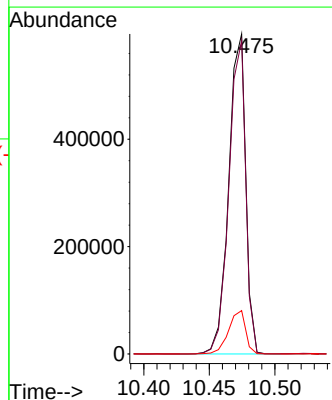
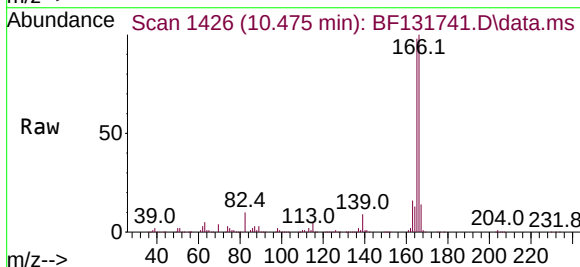


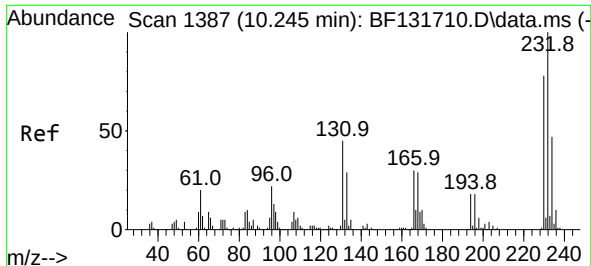
Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.2	41.5	62.3
89	84.4	67.0	100.4
182	2.6	2.2	3.4



#58
Fluorene
Concen: 40.425 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	75.8	113.8
167	13.6	10.6	15.8

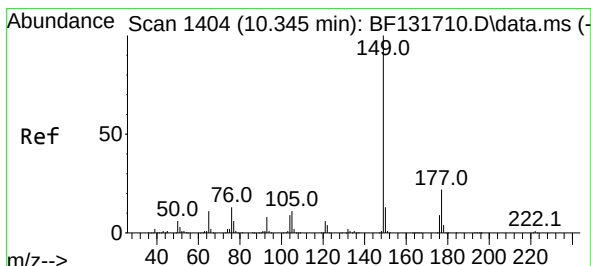
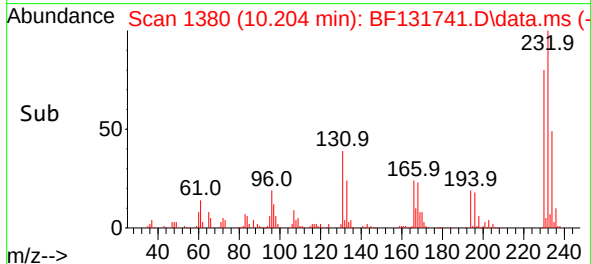
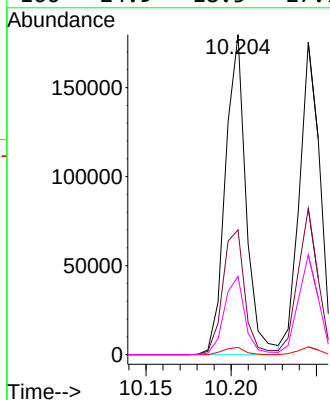
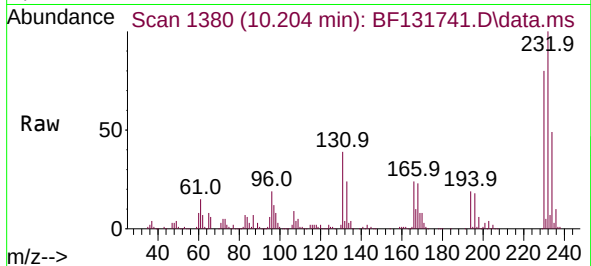




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.721 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

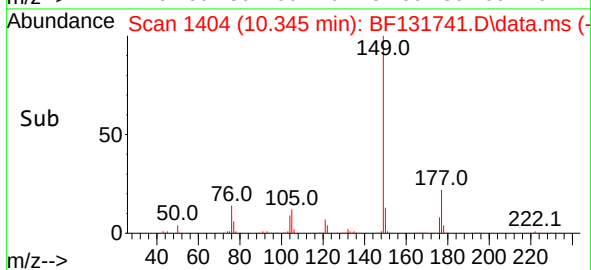
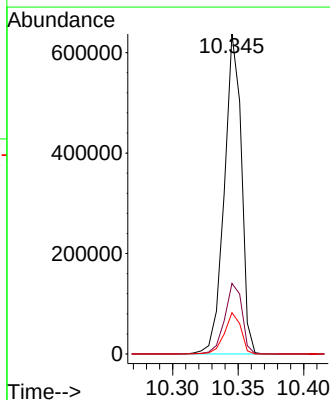
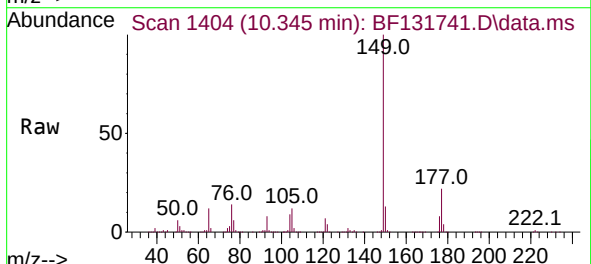
Instrument :
BNA_F
ClientSampleId :
PB149732BS

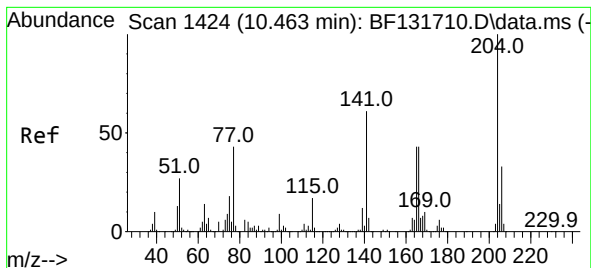
Tgt Ion:232 Resp: 151783
Ion Ratio Lower Upper
232 100
131 42.0 29.9 44.9
130 2.4 1.7 2.5
166 24.9 18.5 27.7



#60
Diethylphthalate
Concen: 41.997 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:149 Resp: 576048
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.0
150 12.9 10.2 15.2

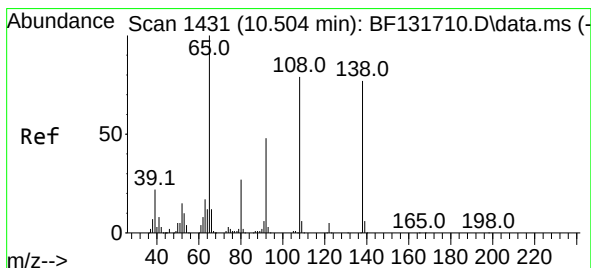
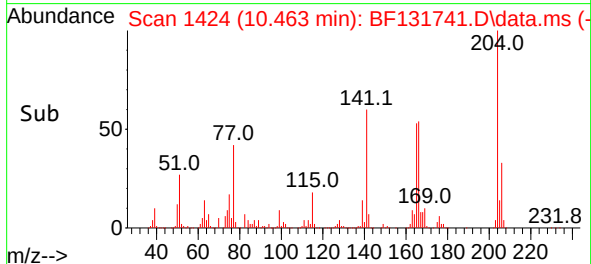
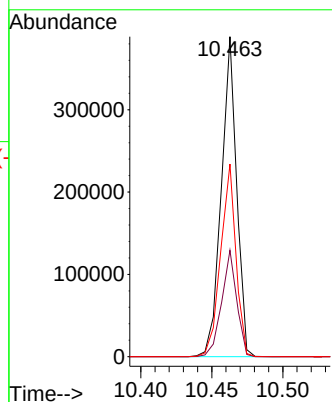
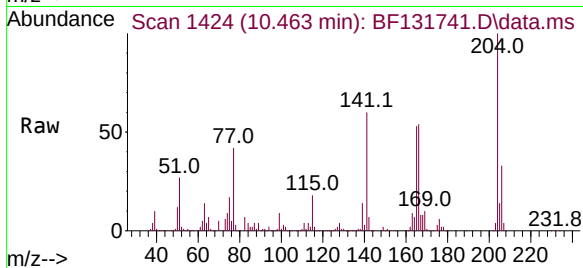




#61
4-Chlorophenyl-phenylether
Concen: 41.314 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

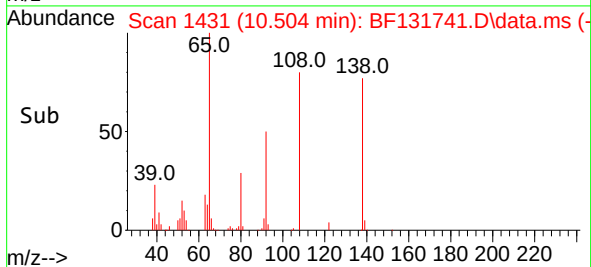
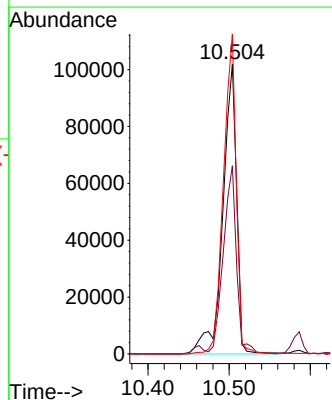
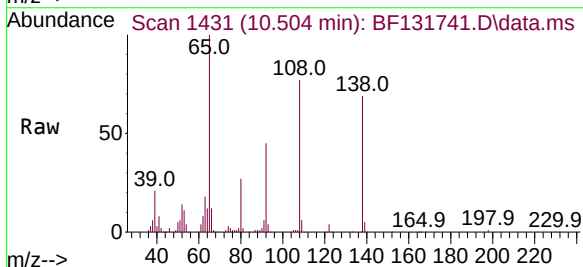
Instrument :
BNA_F
ClientSampleId :
PB149732BS

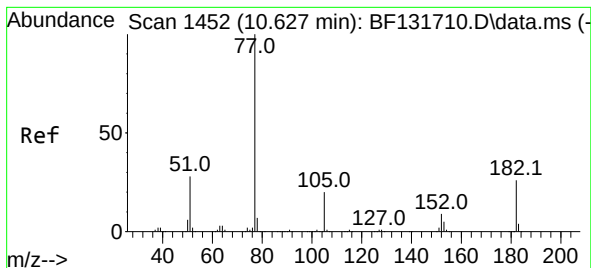
Tgt Ion:204 Resp: 291470
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 60.2 48.6 72.8



#62
4-Nitroaniline
Concen: 38.452 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:138 Resp: 121203
Ion Ratio Lower Upper
138 100
92 65.0 42.1 82.1
108 110.5 83.1 123.1





#63

Azobenzene

Concen: 40.813 ng

RT: 10.622 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

Tgt Ion: 77 Resp: 614752

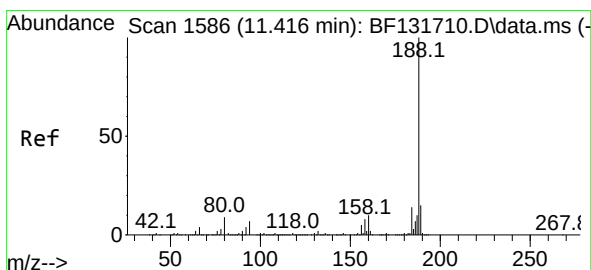
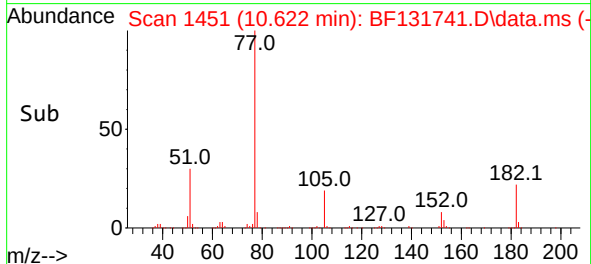
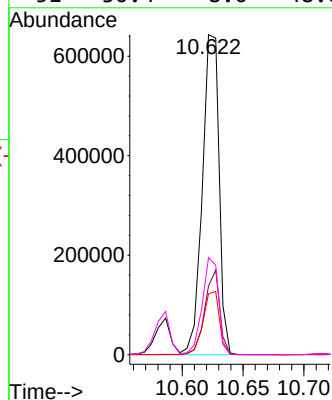
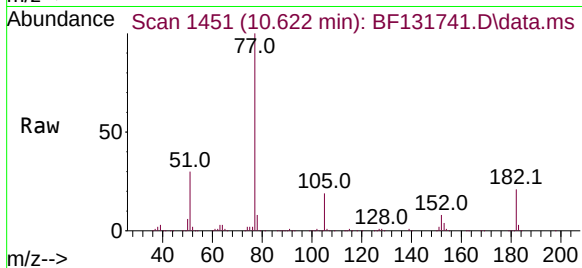
Ion Ratio Lower Upper

77 100

182 21.5 5.8 45.8

105 19.0 0.0 39.7

51 30.4 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

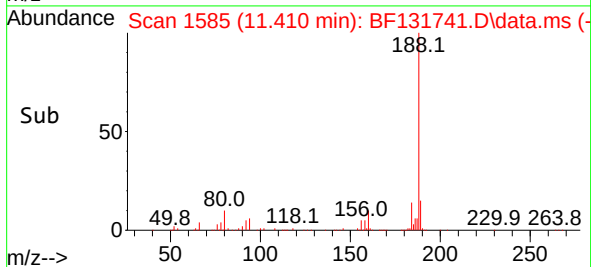
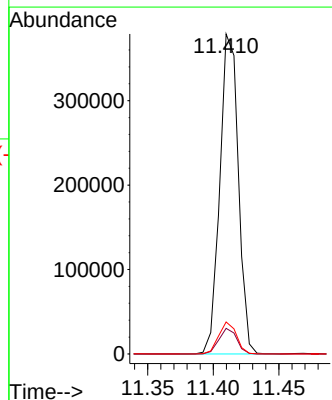
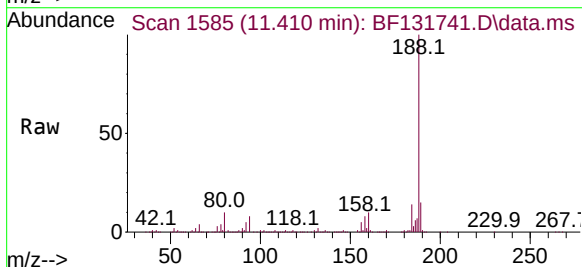
Tgt Ion: 188 Resp: 371680

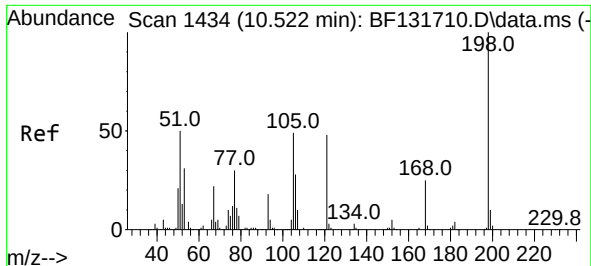
Ion Ratio Lower Upper

188 100

94 8.0 5.9 8.9

80 10.0 7.0 10.6

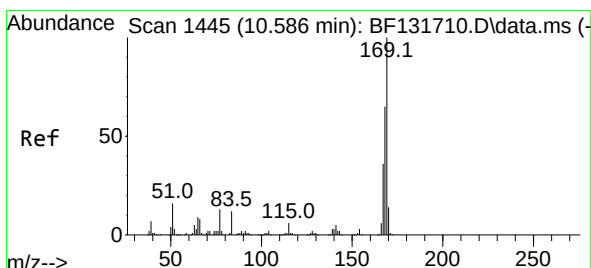
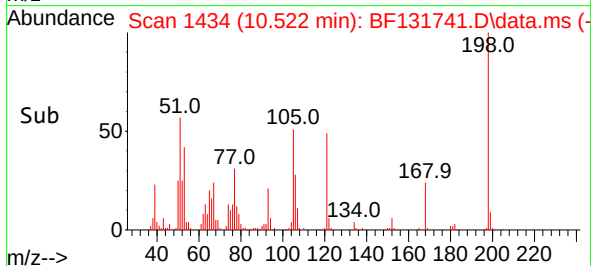
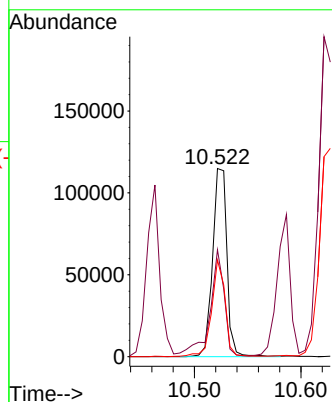
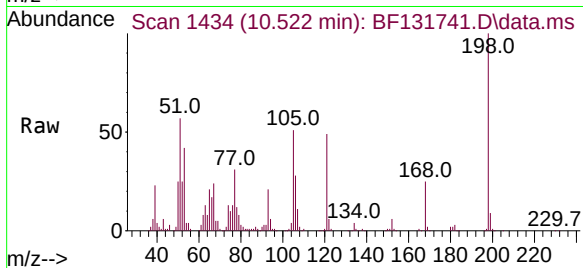




#65
4,6-Dinitro-2-methylphenol
Concen: 42.332 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

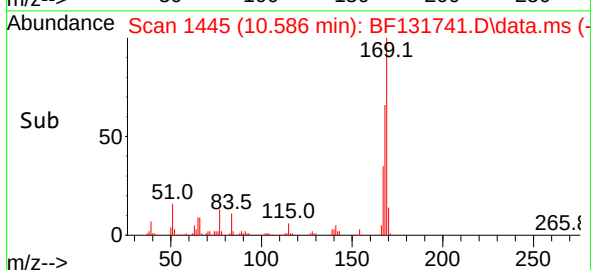
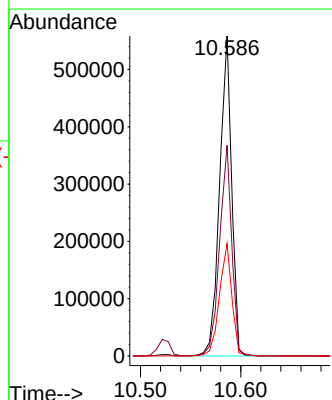
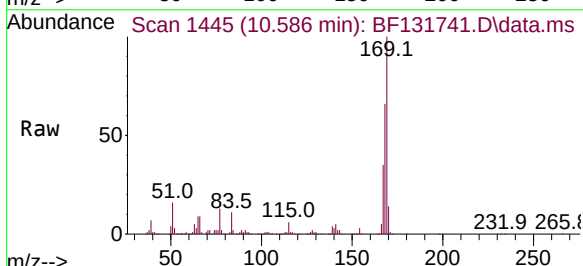
Instrument :
BNA_F
ClientSampleId :
PB149732BS

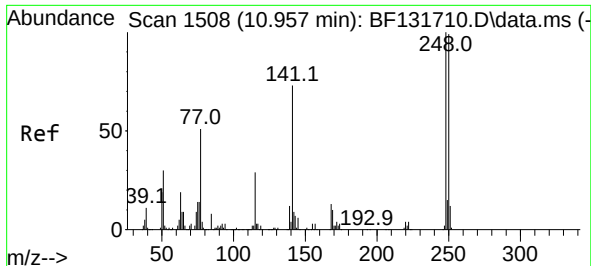
Tgt Ion:198 Resp: 108024
Ion Ratio Lower Upper
198 100
51 56.8 34.1 74.1
105 51.4 29.7 69.7



#66
n-Nitrosodiphenylamine
Concen: 40.425 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:169 Resp: 465944
Ion Ratio Lower Upper
169 100
168 65.8 52.4 78.6
167 35.1 28.6 42.8

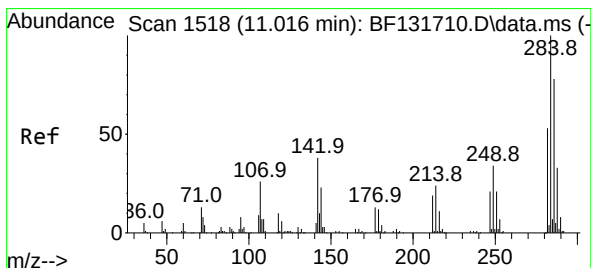
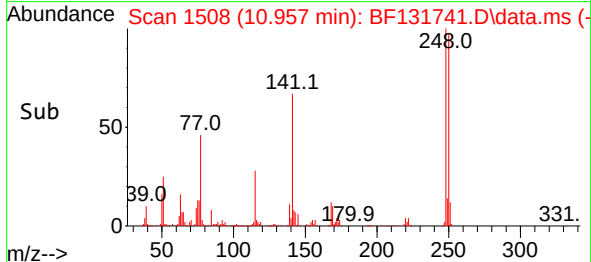
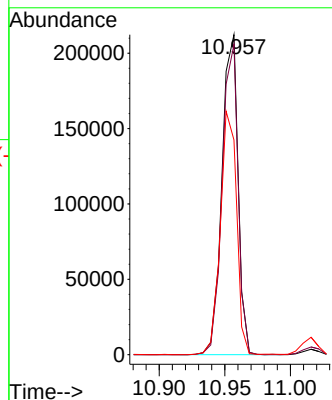
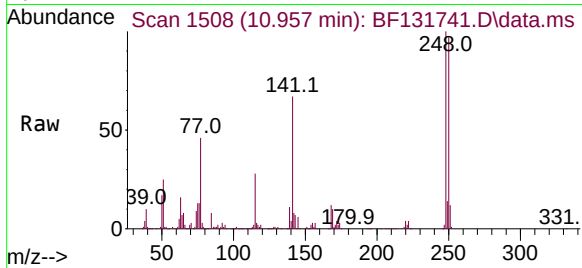




#67
4-Bromophenyl-phenylether
Concen: 41.208 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

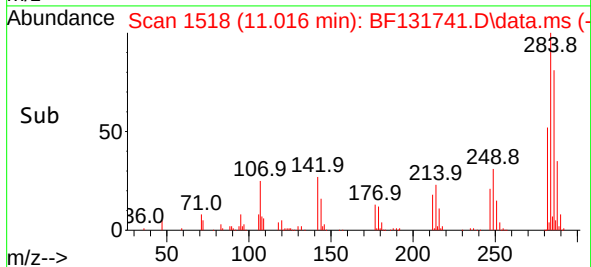
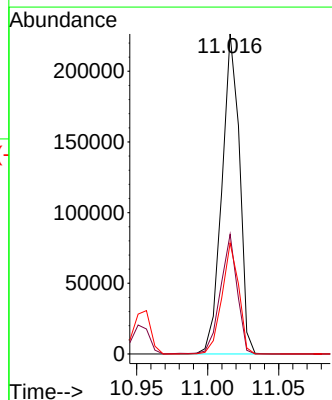
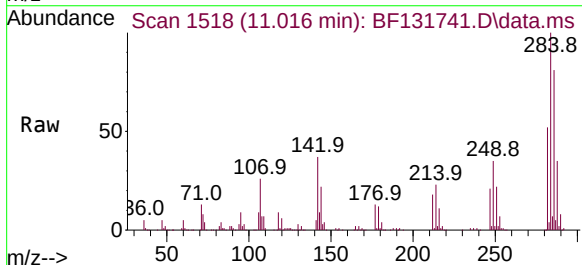
Instrument :
BNA_F
ClientSampleId :
PB149732BS

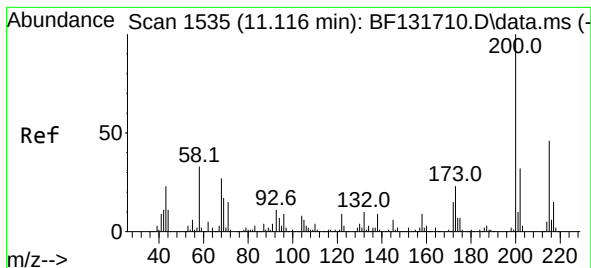
Tgt Ion:248 Resp: 180893
Ion Ratio Lower Upper
248 100
250 97.0 79.4 119.0
141 67.1 58.1 87.1



#68
Hexachlorobenzene
Concen: 40.170 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:284 Resp: 193937
Ion Ratio Lower Upper
284 100
142 37.4 30.2 45.4
249 34.7 27.2 40.8





#69

Atrazine

Concen: 29.831 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

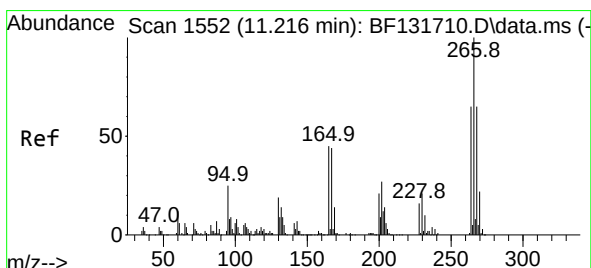
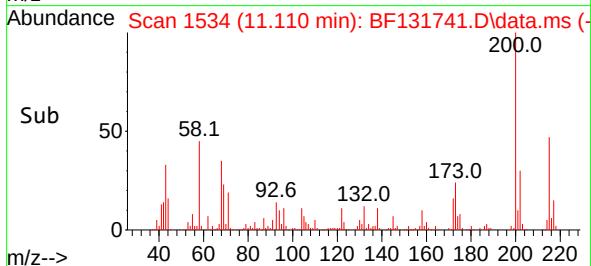
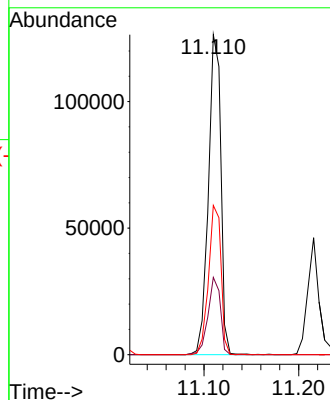
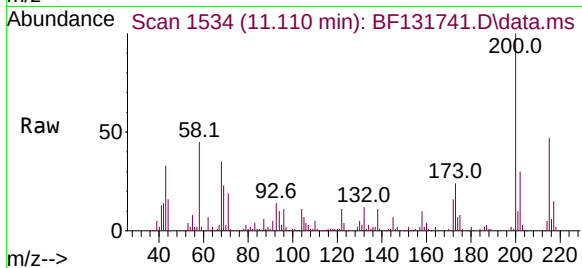
Tgt Ion:200 Resp: 114614

Ion Ratio Lower Upper

200 100

173 24.1 2.7 42.7

215 46.7 26.4 66.4



#70

Pentachlorophenol

Concen: 87.513 ng

RT: 11.216 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

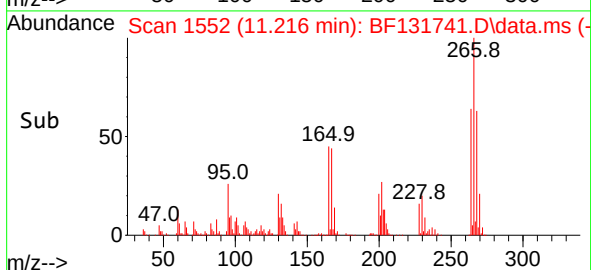
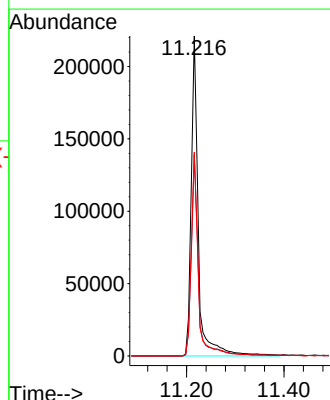
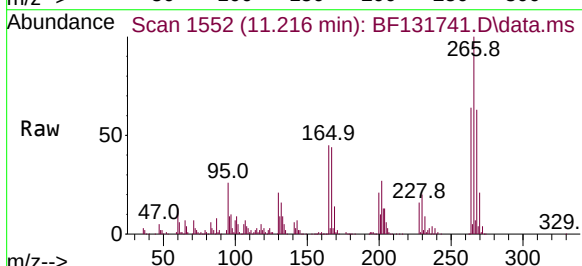
Tgt Ion:266 Resp: 224248

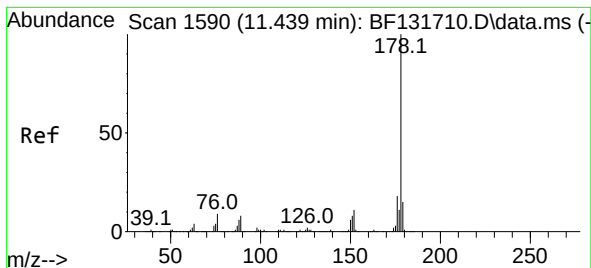
Ion Ratio Lower Upper

266 100

268 62.8 52.2 78.4

264 63.7 52.0 78.0





#71

Phenanthrene

Concen: 39.689 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

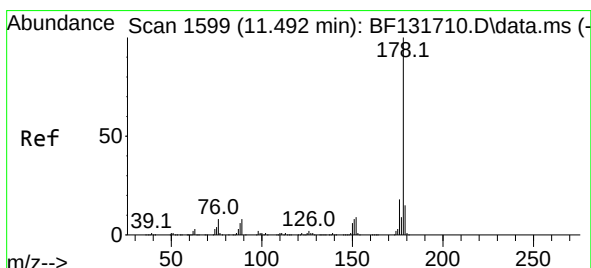
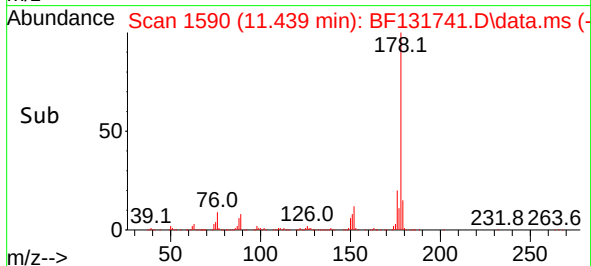
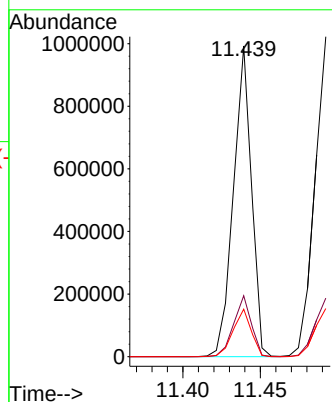
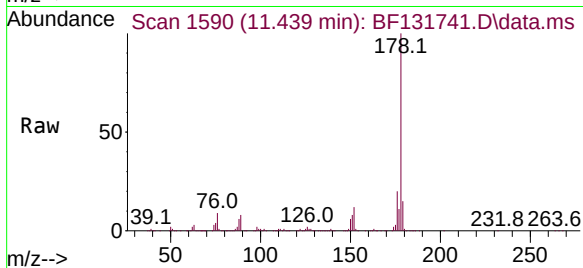
Tgt Ion:178 Resp: 804392

Ion Ratio Lower Upper

178 100

176 19.6 14.8 22.2

179 15.3 12.2 18.4



#72

Anthracene

Concen: 41.697 ng

RT: 11.492 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

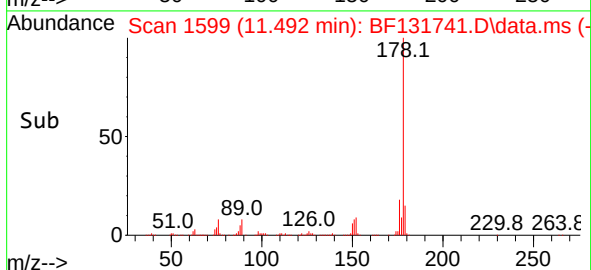
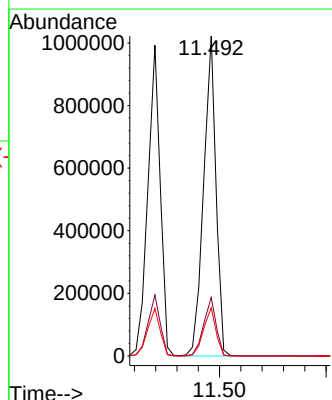
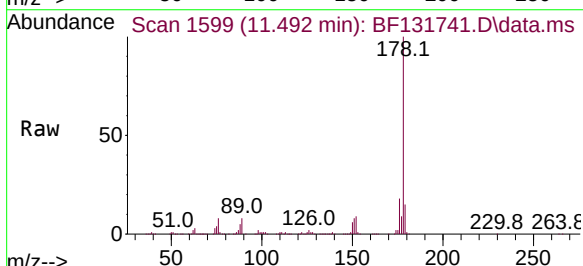
Tgt Ion:178 Resp: 827458

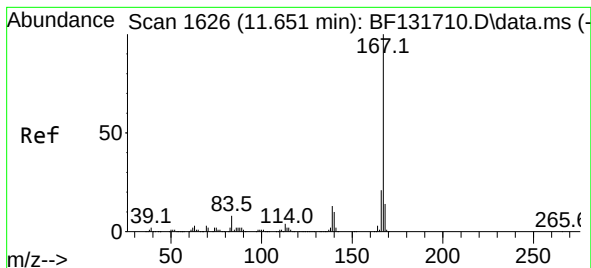
Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

179 15.1 12.2 18.4





#73

Carbazole

Concen: 41.141 ng

RT: 11.651 min Scan# 1626

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

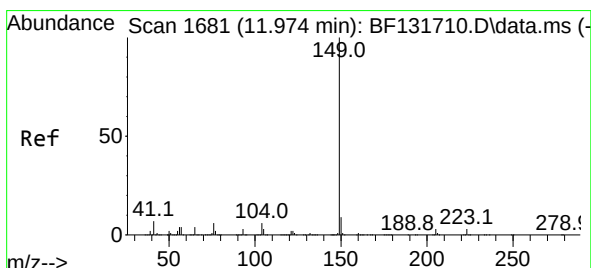
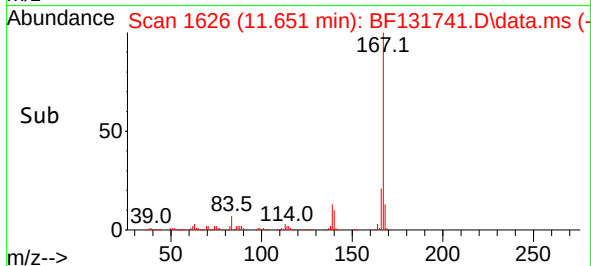
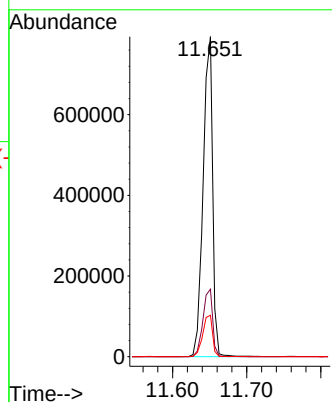
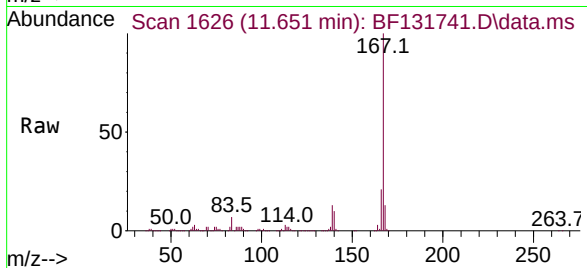
Tgt Ion:167 Resp: 706333

Ion Ratio Lower Upper

167 100

166 21.1 17.1 25.7

139 12.9 10.5 15.7



#74

Di-n-butylphthalate

Concen: 42.805 ng

RT: 11.974 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

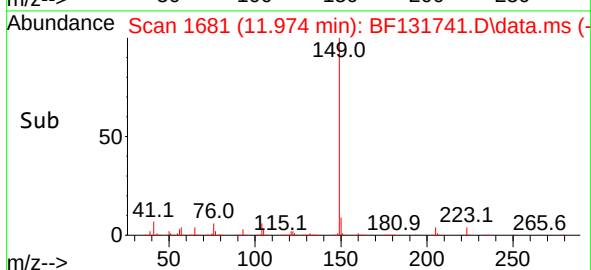
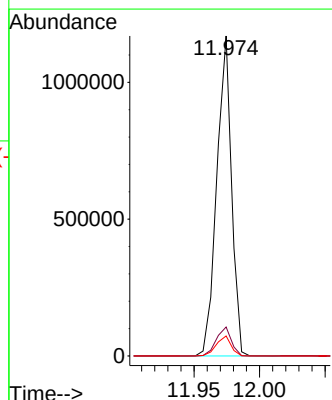
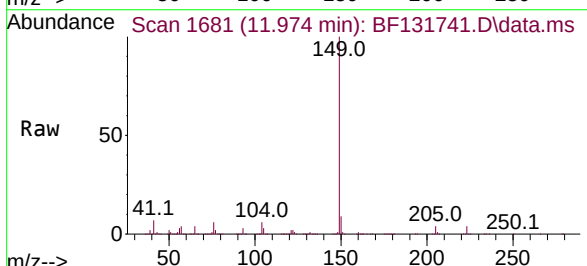
Tgt Ion:149 Resp: 915083

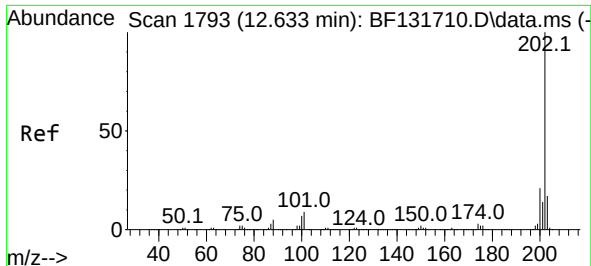
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 6.3 5.0 7.4

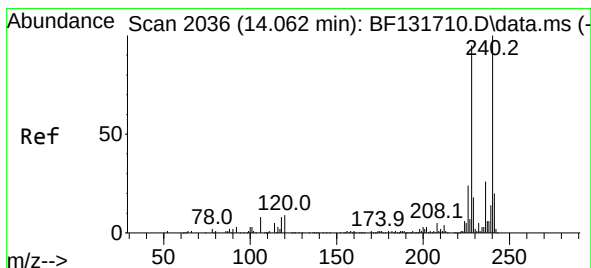
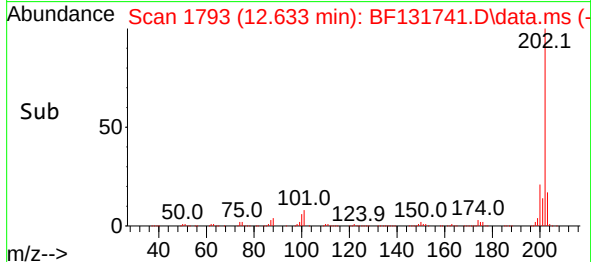
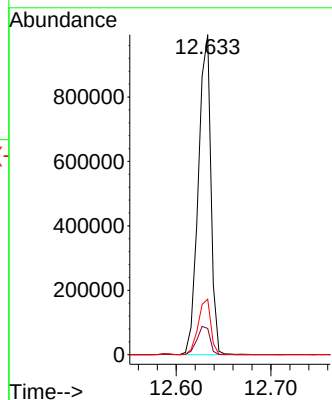
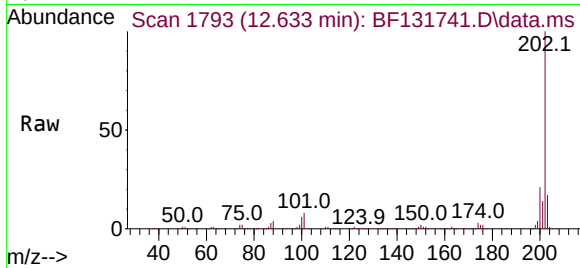




#75
Fluoranthene
Concen: 40.385 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

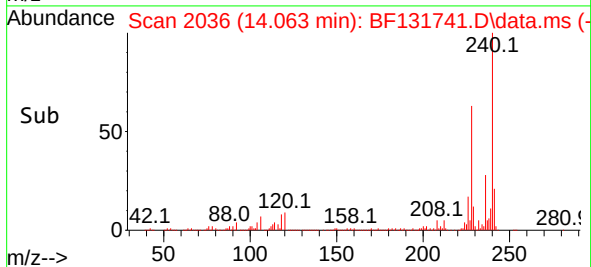
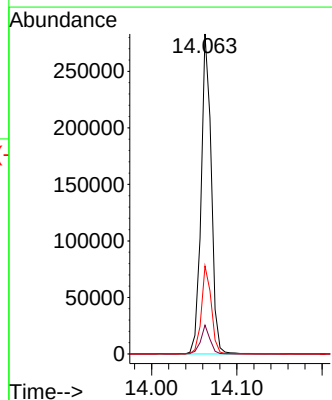
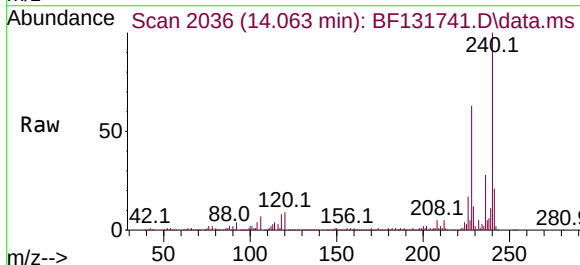
Instrument :
BNA_F
ClientSampleId :
PB149732BS

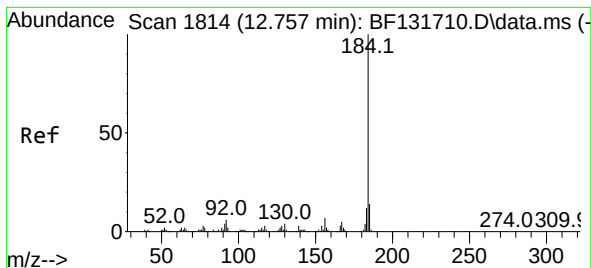
Tgt Ion:202 Resp: 911553
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.8
203 17.3 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:240 Resp: 233896
Ion Ratio Lower Upper
240 100
120 9.0 7.6 11.4
236 27.5 21.2 31.8





#77

Benzidine

Concen: 15.111 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

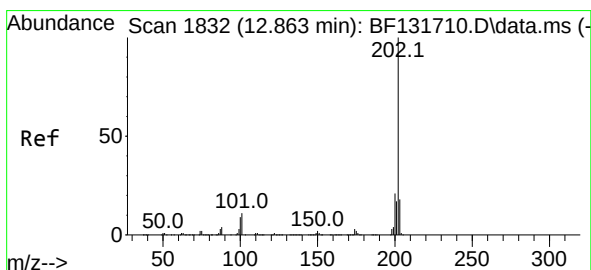
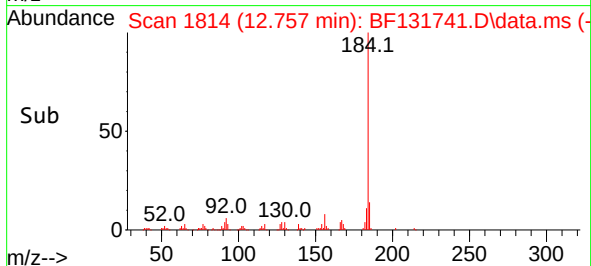
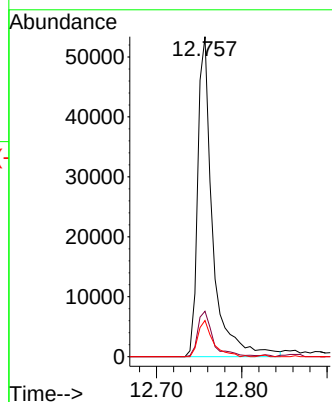
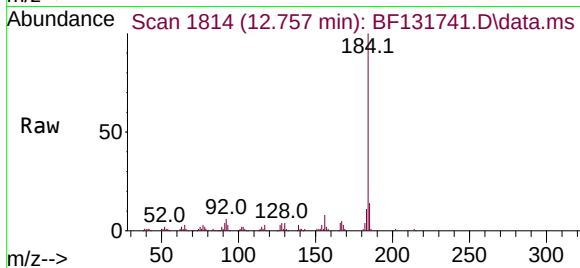
Tgt Ion:184 Resp: 64810

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

183 11.3 9.3 13.9



#78

Pyrene

Concen: 43.454 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

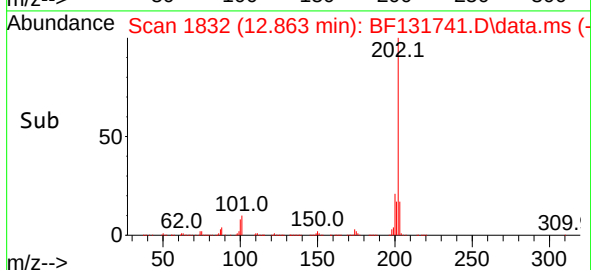
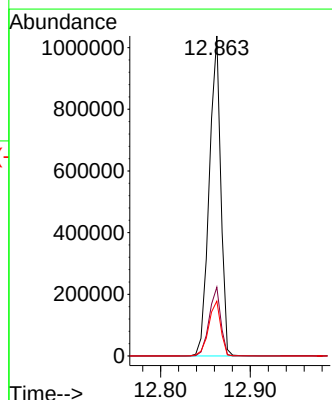
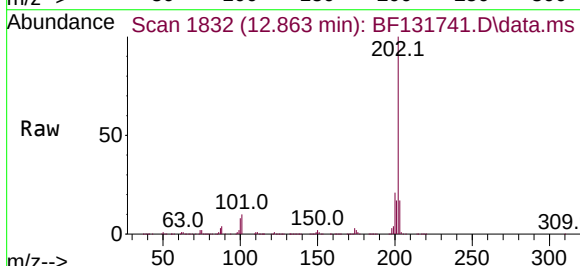
Tgt Ion:202 Resp: 924068

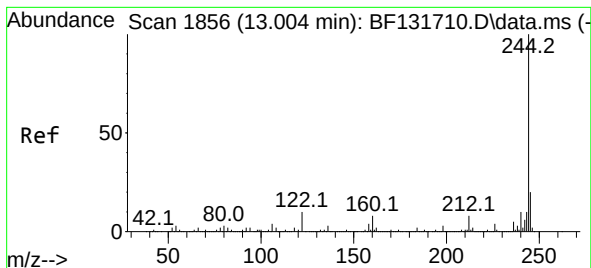
Ion Ratio Lower Upper

202 100

200 21.5 17.1 25.7

203 17.1 14.1 21.1





#79

Terphenyl-d14

Concen: 95.550 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

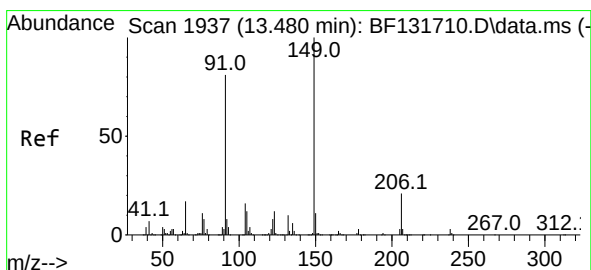
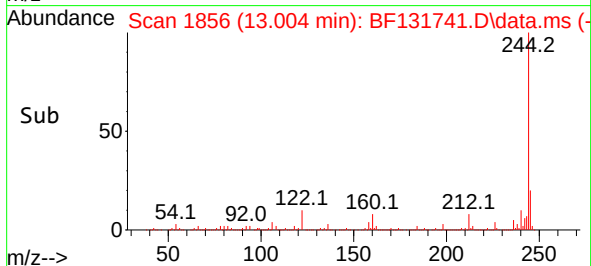
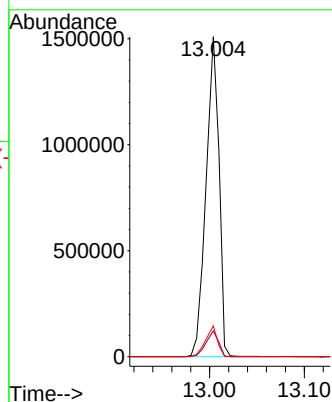
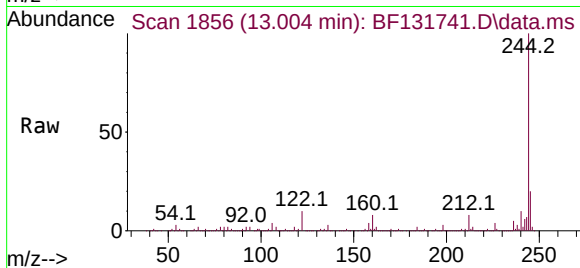
Tgt Ion:244 Resp: 1433970

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.6 7.7 11.5



#80

Butylbenzylphthalate

Concen: 44.602 ng

RT: 13.480 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

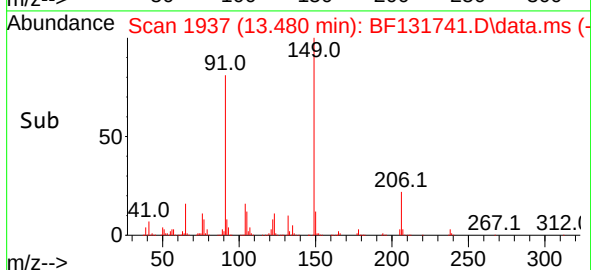
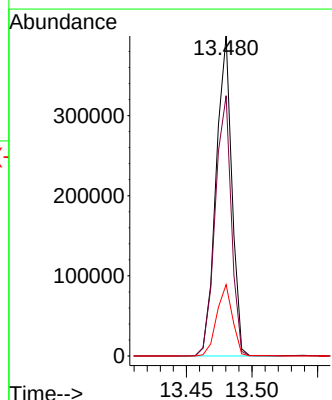
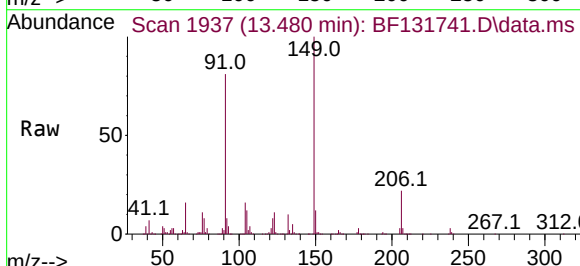
Tgt Ion:149 Resp: 334526

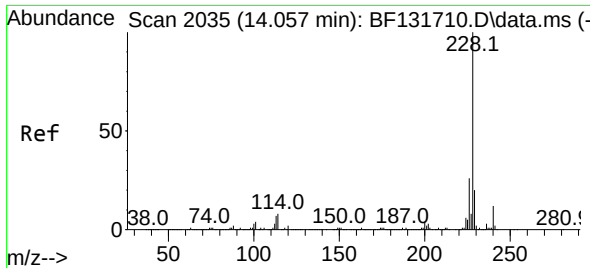
Ion Ratio Lower Upper

149 100

91 81.3 64.9 97.3

206 22.3 17.0 25.4

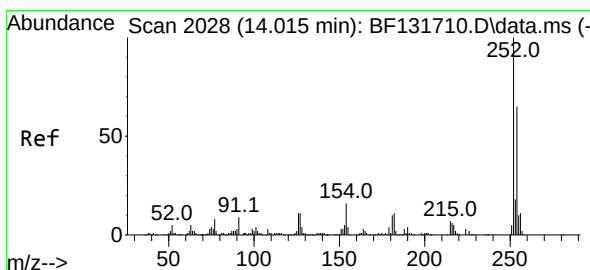
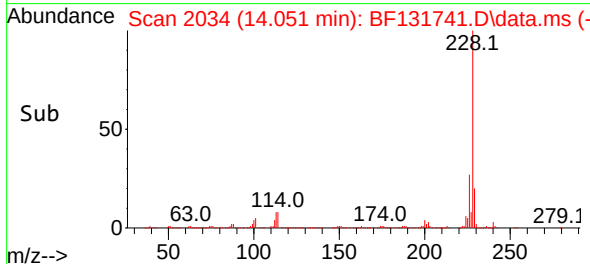
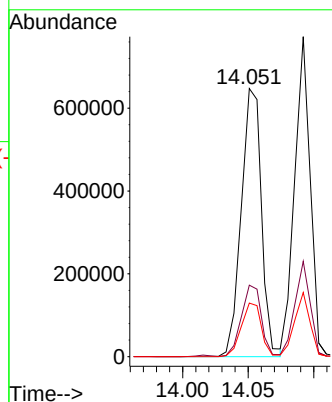
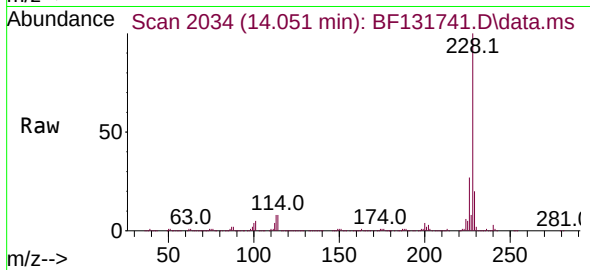




#81
Benzo(a)anthracene
Concen: 41.329 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

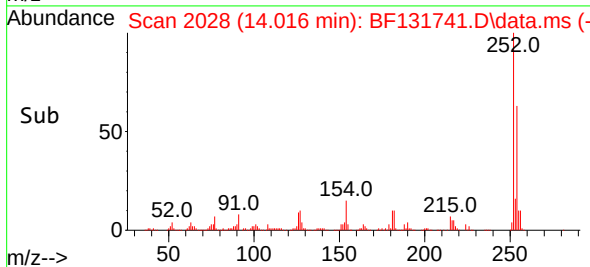
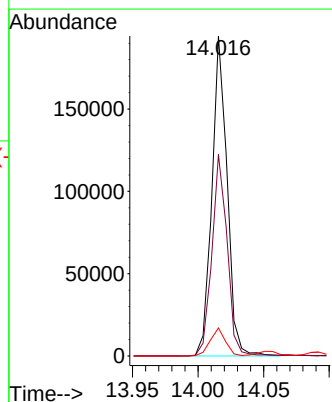
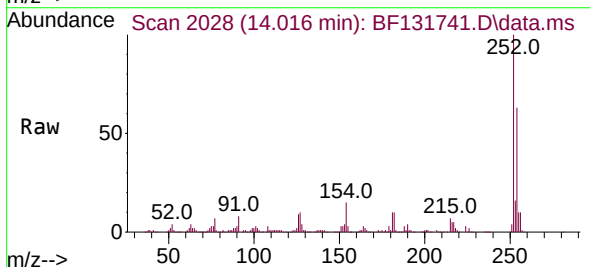
Instrument :
BNA_F
ClientSampleId :
PB149732BS

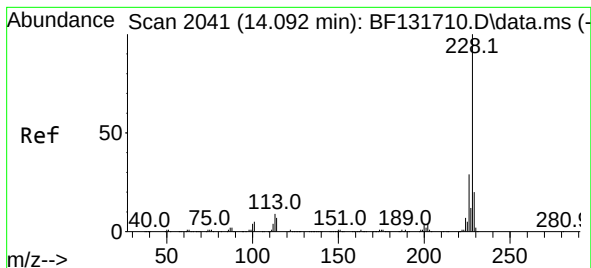
Tgt Ion:228 Resp: 696204
Ion Ratio Lower Upper
228 100
226 26.6 21.0 31.4
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 33.332 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:252 Resp: 156765
Ion Ratio Lower Upper
252 100
254 63.0 52.1 78.1
126 8.7 8.4 12.6





#83

Chrysene

Concen: 40.333 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

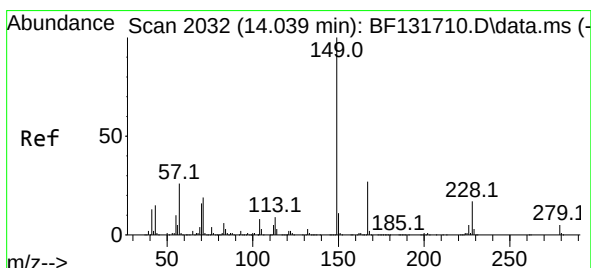
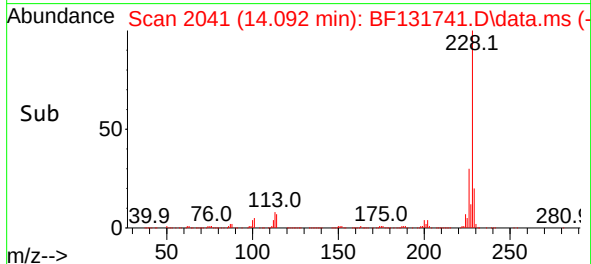
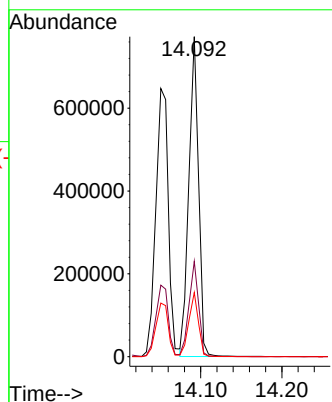
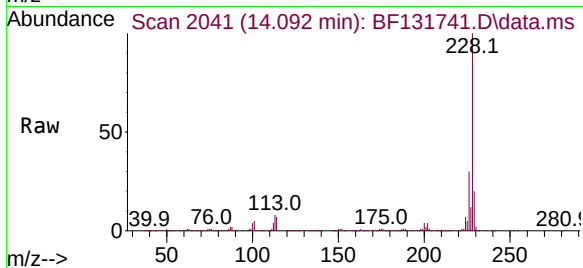
Tgt Ion:228 Resp: 641273

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.041 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

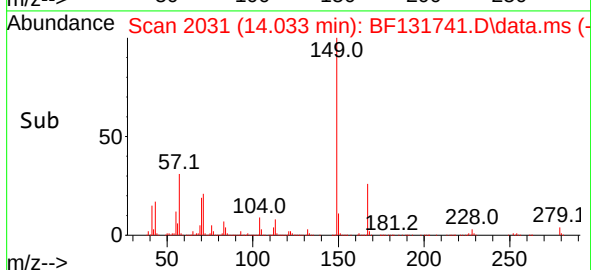
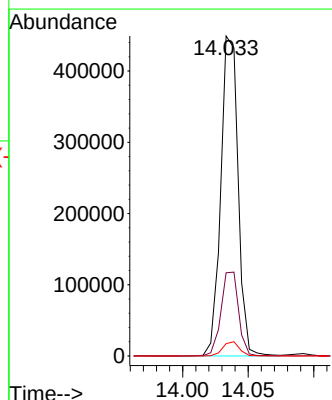
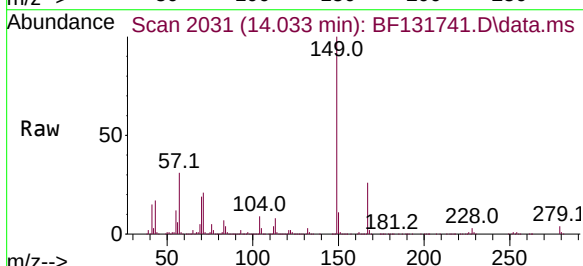
Tgt Ion:149 Resp: 411773

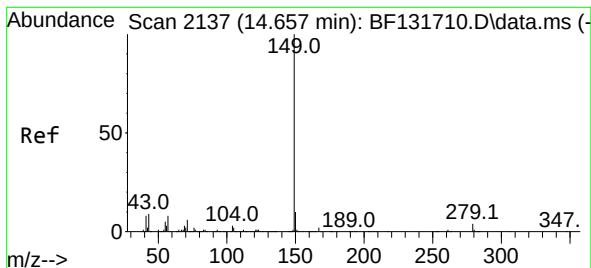
Ion Ratio Lower Upper

149 100

167 26.0 21.7 32.5

279 3.8 3.8 5.6

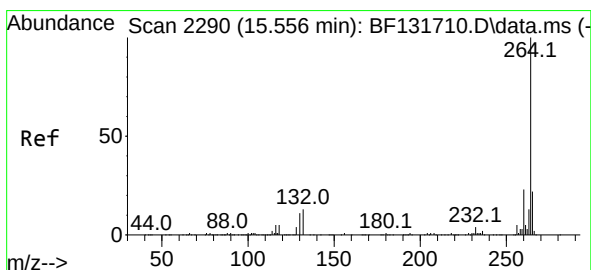
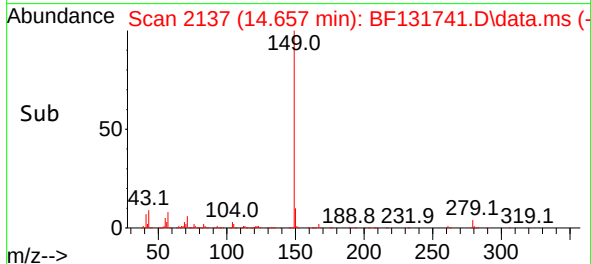
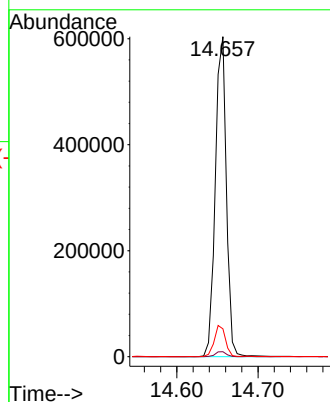
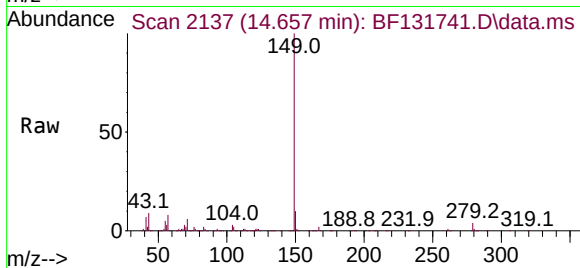




#85
Di-n-octyl phthalate
Concen: 45.664 ng
RT: 14.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

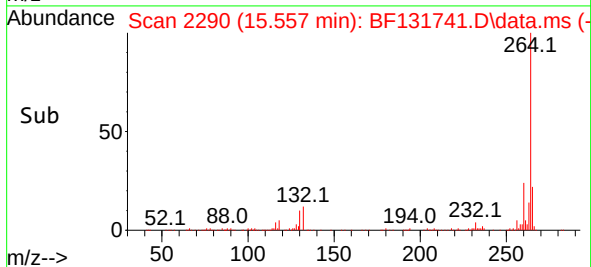
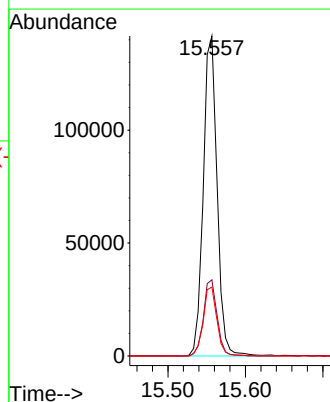
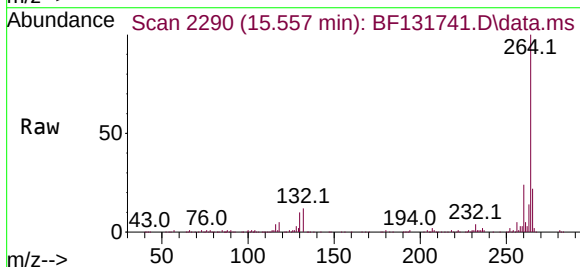
Instrument :
BNA_F
ClientSampleId :
PB149732BS

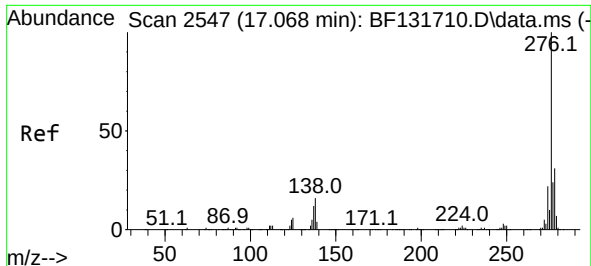
Tgt Ion:149 Resp: 570093
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.1 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:264 Resp: 175260
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.6 17.4 26.2

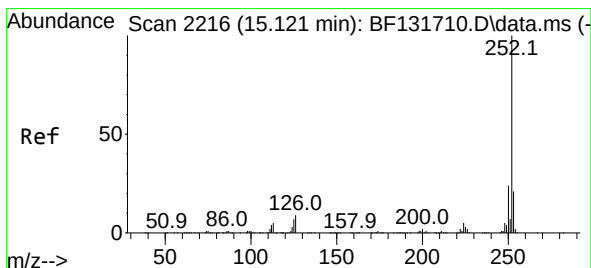
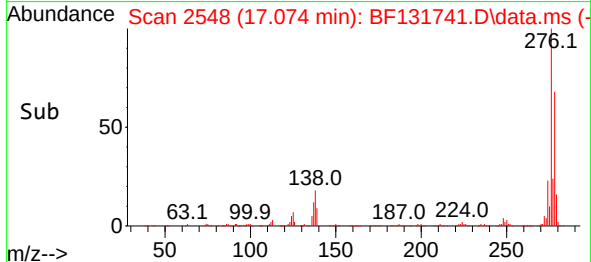
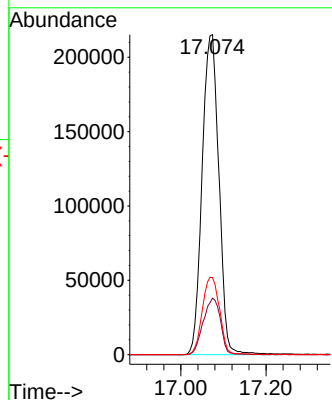
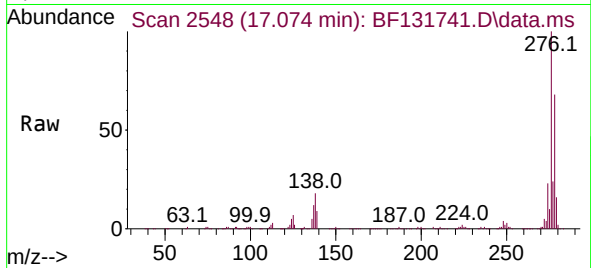




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.843 ng
 RT: 17.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131741.D
 Acq: 21 Dec 2022 11:46

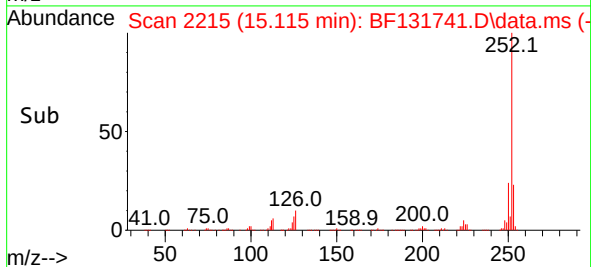
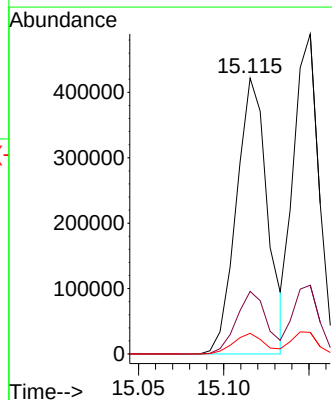
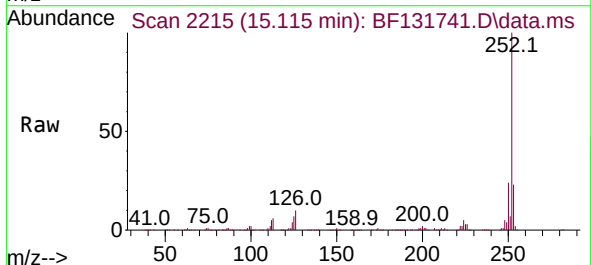
Instrument :
 BNA_F
 ClientSampleId :
 PB149732BS

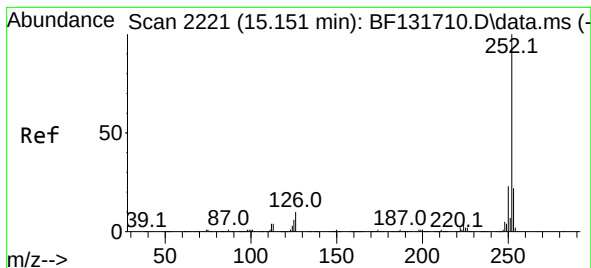
Tgt Ion:276 Resp: 586748
 Ion Ratio Lower Upper
 276 100
 138 18.2 14.4 21.6
 277 25.0 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 43.124 ng
 RT: 15.115 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF131741.D
 Acq: 21 Dec 2022 11:46

Tgt Ion:252 Resp: 534713
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.2 25.8
 125 7.5 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 42.389 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

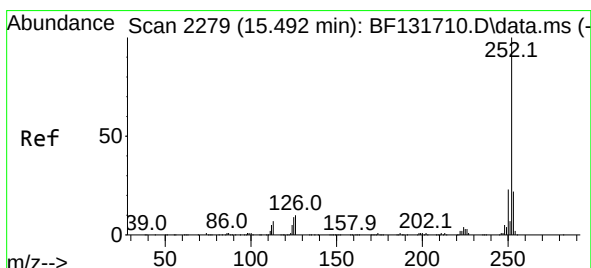
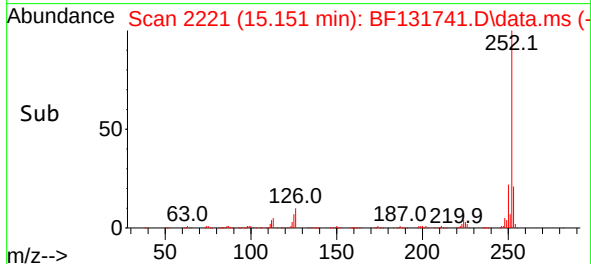
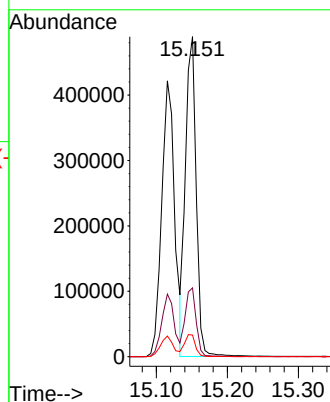
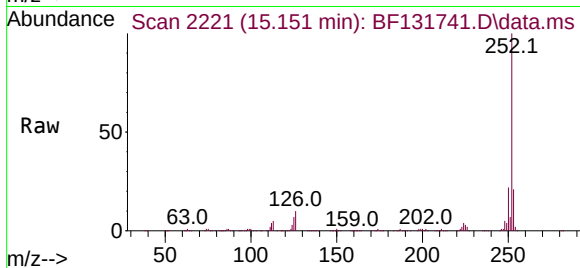
Tgt Ion:252 Resp: 512871

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 6.7 5.2 7.8



#90

Benzo(a)pyrene

Concen: 45.017 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

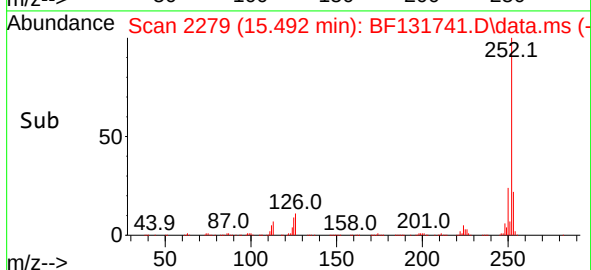
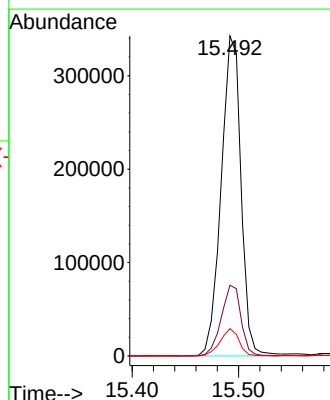
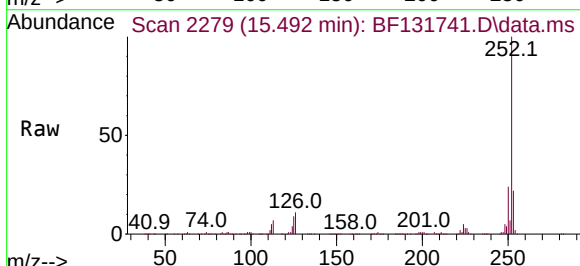
Tgt Ion:252 Resp: 442146

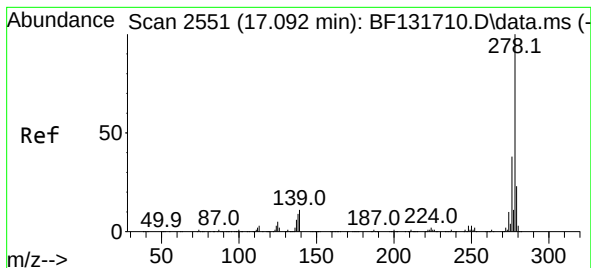
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.5 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 52.027 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

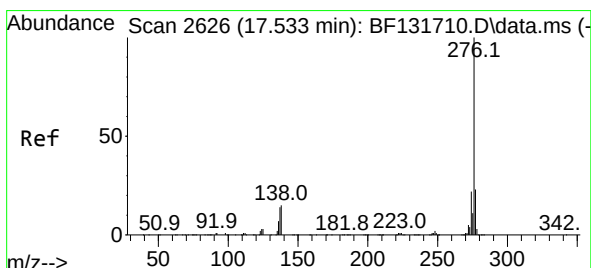
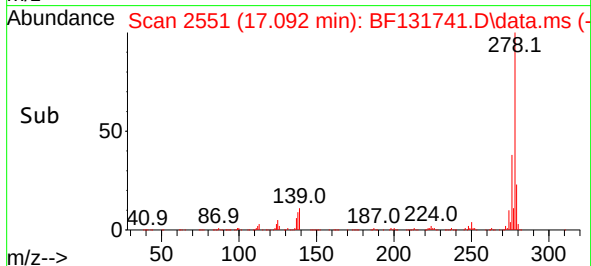
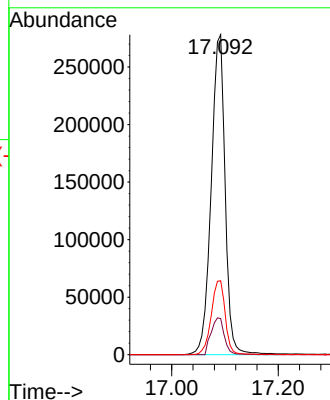
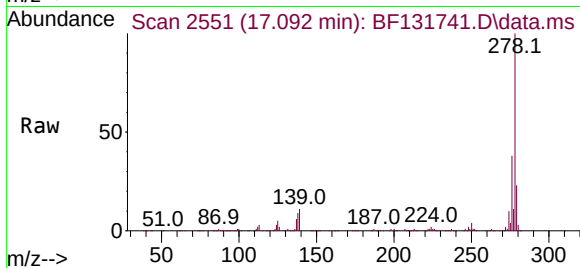
Tgt Ion:278 Resp: 506140

Ion Ratio Lower Upper

278 100

139 11.3 8.7 13.1

279 23.1 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 51.515 ng

RT: 17.527 min Scan# 2625

Delta R.T. -0.006 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Tgt Ion:276 Resp: 495346

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 15.3 12.3 18.5

