

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131750.D
 Acq On : 21 Dec 2022 17:48
 Operator : CG\JU
 Sample : PB149706BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149706BS

Quant Time: Dec 22 05:47:15 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	88781	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	319324	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	188574	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	364425	20.000	ng	0.00
76) Chrysene-d12	14.068	240	259086	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	204060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	809405	153.518	ng	0.02
7) Phenol-d6	6.504	99	1043593	147.058	ng	0.00
23) Nitrobenzene-d5	7.439	82	723997	92.043	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	322386	156.194	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1247815	92.694	ng	0.00
79) Terphenyl-d14	13.004	244	1649881	99.248	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	100487	40.785	ng	98
3) Pyridine	3.451	79	281574	40.079	ng	99
4) n-Nitrosodimethylamine	3.422	42	142604	44.865	ng	99
6) Aniline	6.528	93	328145	37.455	ng	96
8) 2-Chlorophenol	6.651	128	261887	46.246	ng	97
9) Benzaldehyde	6.416	77	214012	53.122	ng	98
10) Phenol	6.516	94	371237	43.815	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	286174	47.199	ng	98
12) 1,3-Dichlorobenzene	6.804	146	288191	45.020	ng	99
13) 1,4-Dichlorobenzene	6.881	146	290006	44.321	ng	97
14) 1,2-Dichlorobenzene	7.034	146	277378	45.275	ng	99
15) Benzyl Alcohol	7.016	79	279568	44.107	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.139	45	355835	46.026	ng	97
17) 2-Methylphenol	7.128	107	233281	43.637	ng	97
18) Hexachloroethane	7.381	117	119432	46.045	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	221704	43.318	ng	99
20) 3+4-Methylphenols	7.281	107	297816	43.284	ng	98
22) Acetophenone	7.281	105	423293	45.424	ng	# 91
24) Nitrobenzene	7.457	77	351693	43.981	ng	97
25) Isophorone	7.698	82	627616	46.983	ng	100
26) 2-Nitrophenol	7.775	139	141572	45.301	ng	95
27) 2,4-Dimethylphenol	7.810	122	233043	52.356	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	350254	49.376	ng	99
29) 2,4-Dichlorophenol	8.016	162	237549	44.208	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	278511	44.088	ng	99
31) Naphthalene	8.181	128	748063	42.895	ng	99
32) Benzoic acid	7.951	122	172099	48.302	ng	98
33) 4-Chloroaniline	8.228	127	107187	15.760	ng	98
34) Hexachlorobutadiene	8.292	225	183458	43.165	ng	99
35) Caprolactam	8.610	113	38187	23.568	ng	89
36) 4-Chloro-3-methylphenol	8.716	107	278990	45.450	ng	99
37) 2-Methylnaphthalene	8.875	142	516714	43.437	ng	99
38) 1-Methylnaphthalene	8.975	142	475062	41.233	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	291294	45.150	ng	98
41) Hexachlorocyclopentadiene	9.022	237	386947	132.382	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	187660	44.527	ng	99

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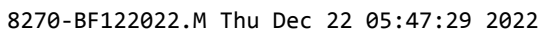
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 ClientSampleId :
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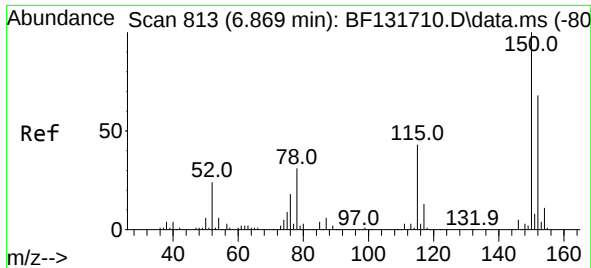
Quant Time: Dec 22 05:47:15 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	200539	43.954	ng	99
46) 1,1'-Biphenyl	9.339	154	654338	46.131	ng	100
47) 2-Chloronaphthalene	9.363	162	517512	44.556	ng	98
48) 2-Nitroaniline	9.469	65	184039	43.961	ng	98
49) Acenaphthylene	9.786	152	775671	44.525	ng	100
50) Dimethylphthalate	9.645	163	630357	44.425	ng	100
51) 2,6-Dinitrotoluene	9.710	165	138602	45.428	ng	99
52) Acenaphthene	9.957	154	470640	44.101	ng	97
53) 3-Nitroaniline	9.880	138	82889	26.551	ng	97
54) 2,4-Dinitrophenol	9.992	184	176888	96.759	ng	96
55) Dibenzofuran	10.127	168	717801	43.863	ng	99
56) 4-Nitrophenol	10.051	139	207033	92.658	ng	96
57) 2,4-Dinitrotoluene	10.116	165	187749	45.795	ng	95
58) Fluorene	10.475	166	574314	43.407	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.204	232	164240	43.120	ng	94
60) Diethylphthalate	10.345	149	614724	44.962	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	313938	44.643	ng	100
62) 4-Nitroaniline	10.504	138	133884	42.612	ng	96
63) Azobenzene	10.622	77	667839	44.481	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	112484	44.958	ng	87
66) n-Nitrosodiphenylamine	10.586	169	499799	44.225	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	193292	44.909	ng	95
68) Hexachlorobenzene	11.016	284	209117	44.176	ng	99
69) Atrazine	11.116	200	195795	51.974	ng	99
70) Pentachlorophenol	11.216	266	243275	96.828	ng	99
71) Phenanthrene	11.439	178	860333	43.295	ng	100
72) Anthracene	11.492	178	887438	45.610	ng	99
73) Carbazole	11.651	167	768383	45.646	ng	100
74) Di-n-butylphthalate	11.974	149	956848	45.649	ng	100
75) Fluoranthene	12.633	202	997995	45.095	ng	99
77) Benzidine	12.757	184	500438	105.338	ng	99
78) Pyrene	12.863	202	1020949	43.342	ng	100
80) Butylbenzylphthalate	13.480	149	396900	47.773	ng	98
81) Benzo(a)anthracene	14.057	228	860712	46.127	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	146739	28.167	ng	97
83) Chrysene	14.092	228	812462	46.132	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	549387	55.456	ng	99
85) Di-n-octyl phthalate	14.657	149	835385	60.408	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	614863	44.860	ng	99
88) Benzo(b)fluoranthene	15.121	252	664241	46.010	ng	99
89) Benzo(k)fluoranthene	15.151	252	675314	47.937	ng	99
90) Benzo(a)pyrene	15.498	252	549304	48.034	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	510521	45.071	ng	99
92) Benzo(g,h,i)perylene	17.533	276	505758	45.175	ng	96

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

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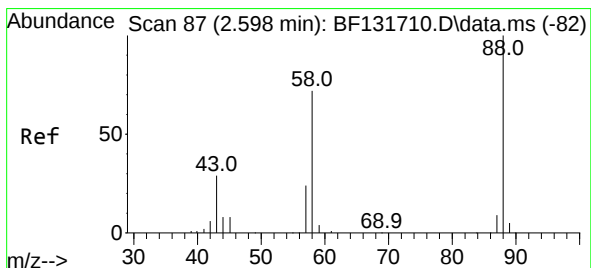
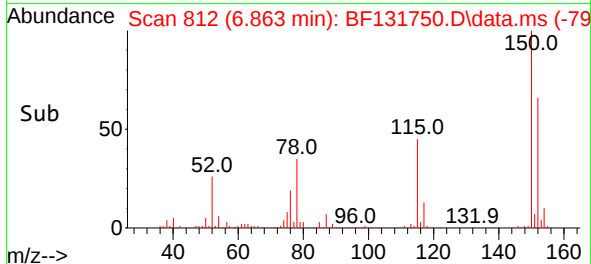
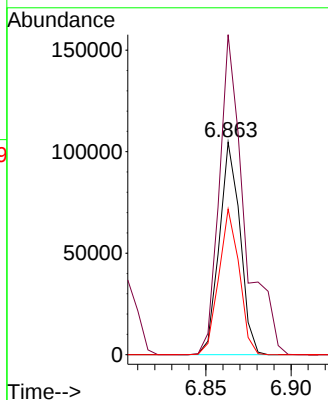
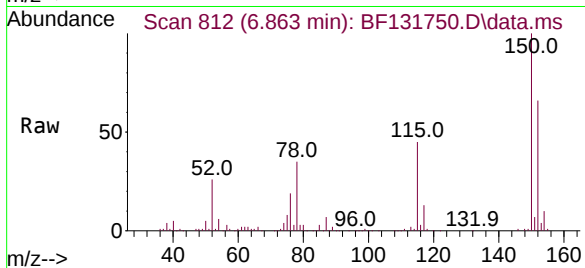




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131750.D
 Acq: 21 Dec 2022 17:48

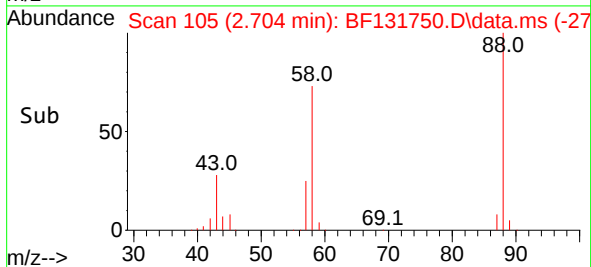
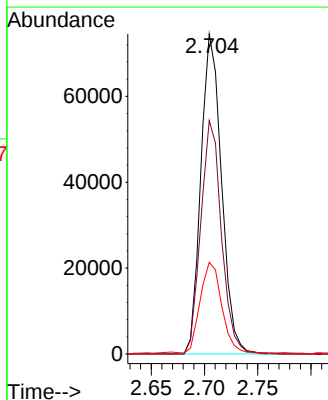
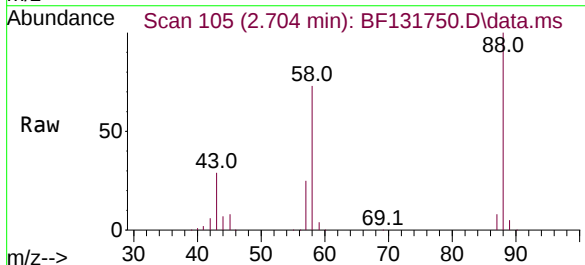
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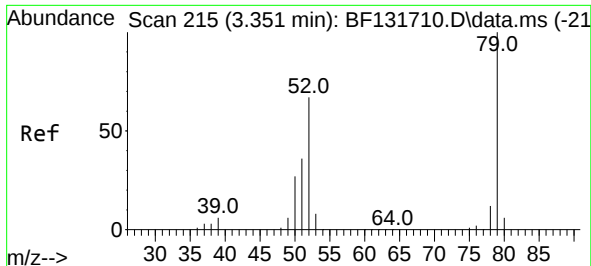
Tgt Ion:152 Resp: 88781
 Ion Ratio Lower Upper
 152 100
 150 150.6 117.4 176.0
 115 68.5 50.2 75.4



#2
 1,4-Dioxane
 Concen: 40.785 ng
 RT: 2.704 min Scan# 105
 Delta R.T. 0.106 min
 Lab File: BF131750.D
 Acq: 21 Dec 2022 17:48

Tgt Ion: 88 Resp: 100487
 Ion Ratio Lower Upper
 88 100
 58 72.9 57.5 86.3
 43 31.4 23.3 34.9

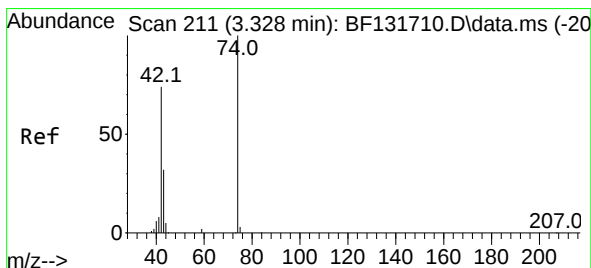
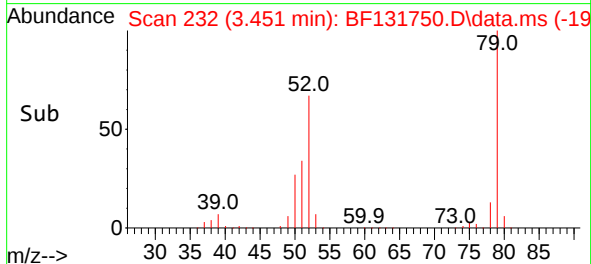
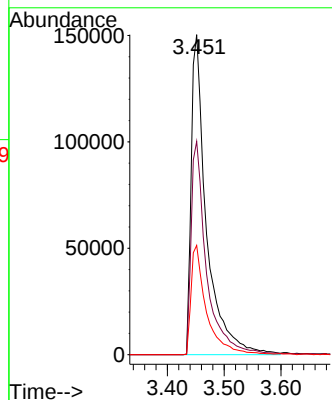
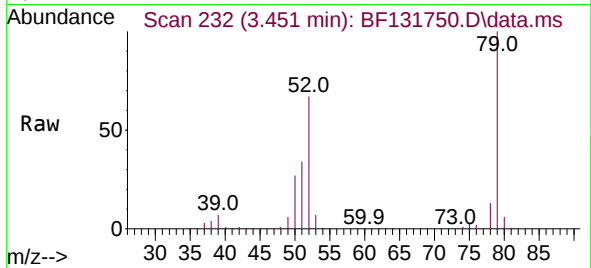




#3
Pyridine
Concen: 40.079 ng
RT: 3.451 min Scan# 215
Delta R.T. 0.100 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

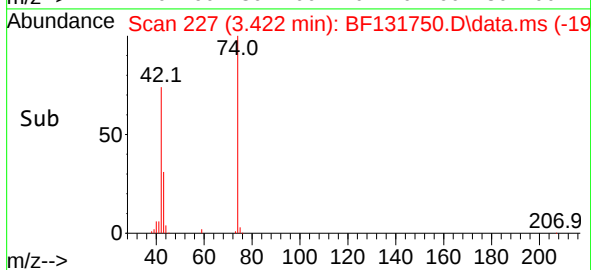
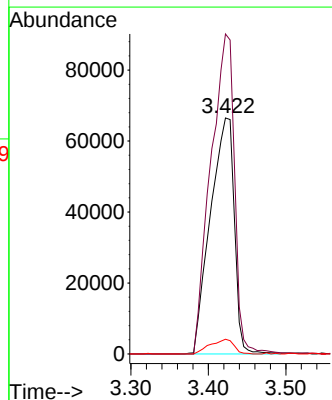
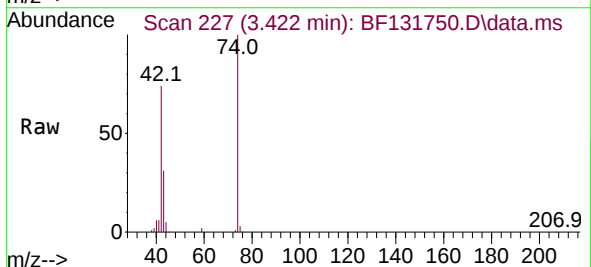
Instrument :
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ClientSampleId :
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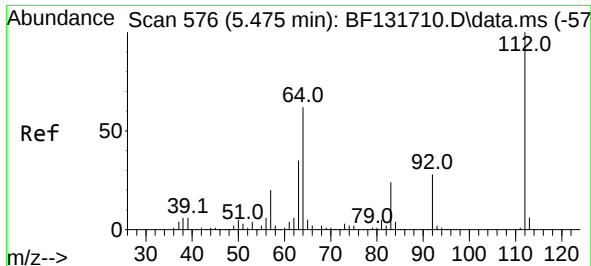
Tgt Ion: 79 Resp: 281574
Ion Ratio Lower Upper
79 100
52 66.7 53.7 80.5
51 34.2 28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 44.865 ng
RT: 3.422 min Scan# 227
Delta R.T. 0.094 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion: 42 Resp: 142604
Ion Ratio Lower Upper
42 100
74 135.6 107.8 161.8
44 6.2 5.5 8.3

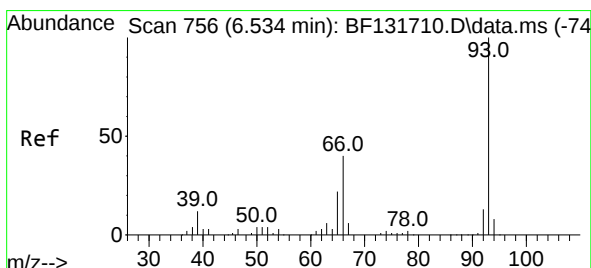
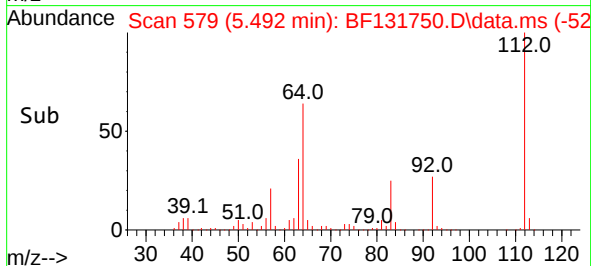
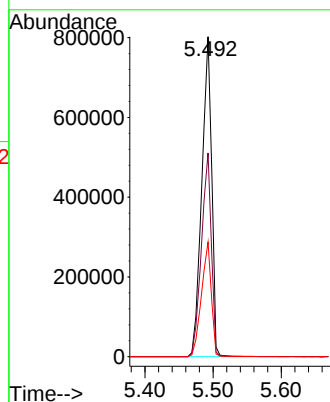
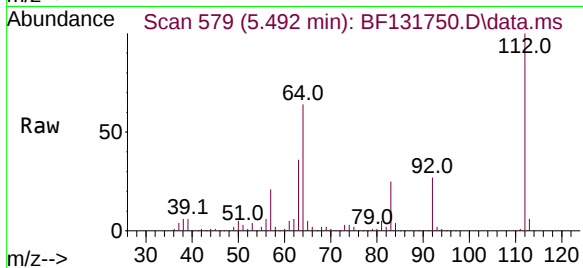




#5
2-Fluorophenol
Concen: 153.518 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

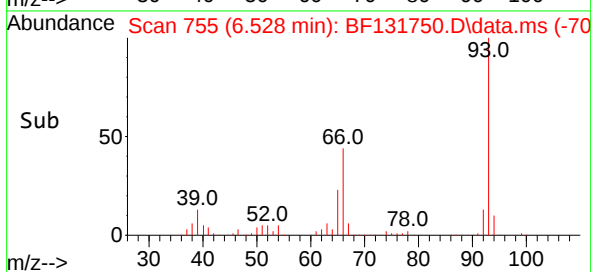
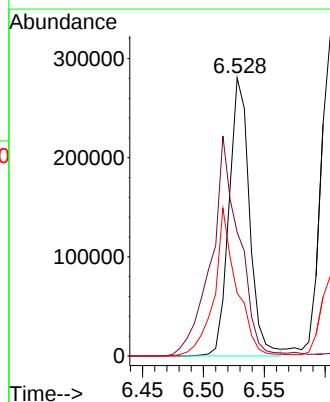
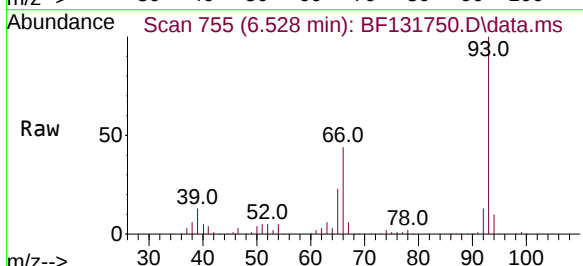
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BNA_F
ClientSampleId :
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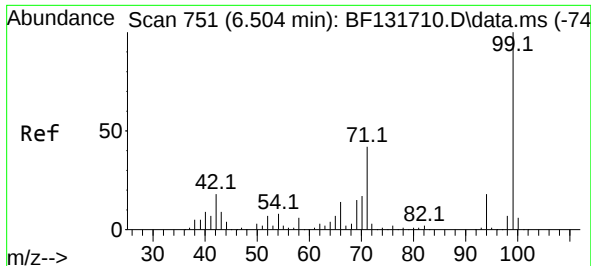
Tgt Ion:112 Resp: 809405
Ion Ratio Lower Upper
112 100
64 63.7 49.5 74.3
63 35.8 28.2 42.2



#6
Aniline
Concen: 37.455 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion: 93 Resp: 328145
Ion Ratio Lower Upper
93 100
66 44.5 32.8 49.2
65 22.6 17.4 26.2



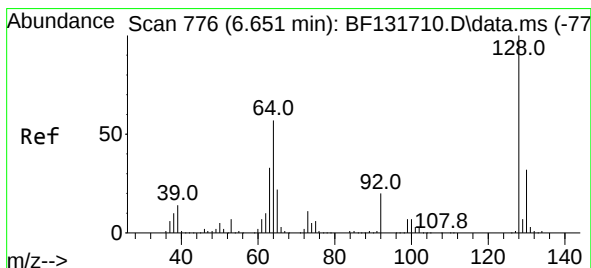
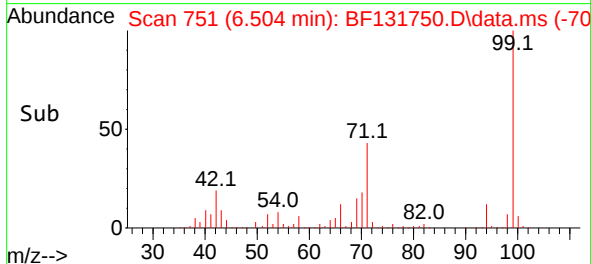
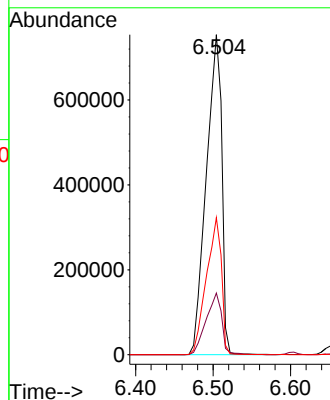
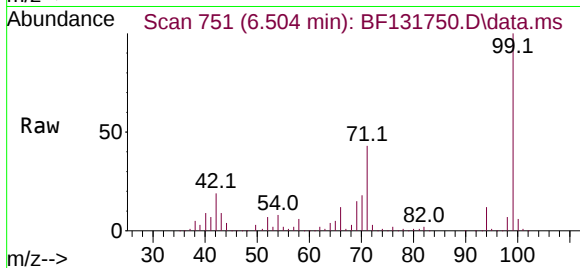


#7
Phenol-d6
Concen: 147.058 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Instrument :
BNA_F
ClientSampleId :
PB149706BS

Tgt Ion: 99 Resp: 1043593

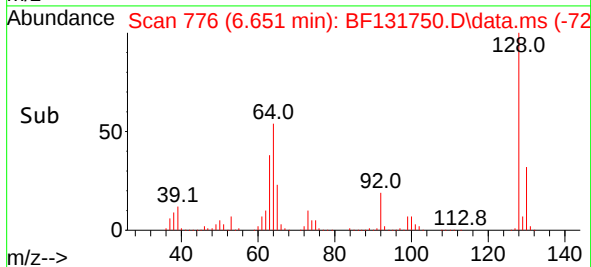
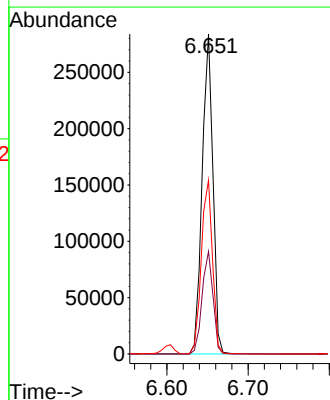
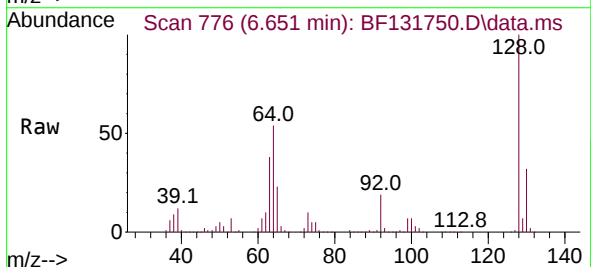
Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.8	22.2
71	42.8	33.8	50.6

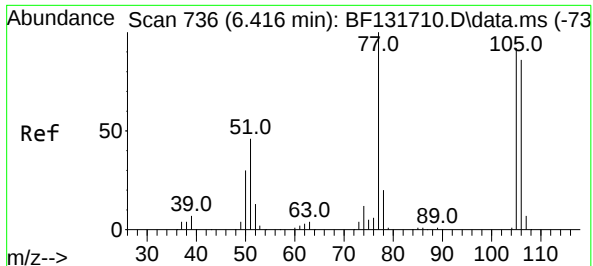


#8
2-Chlorophenol
Concen: 46.246 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion: 128 Resp: 261887

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	54.3	37.7	77.7

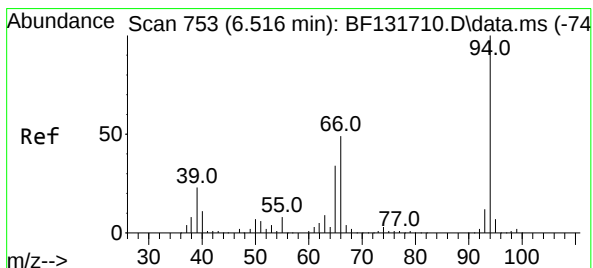
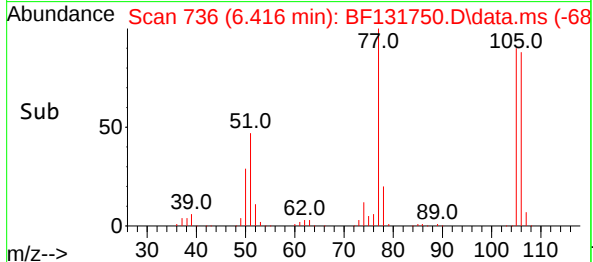
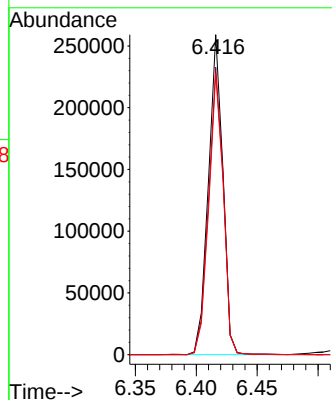
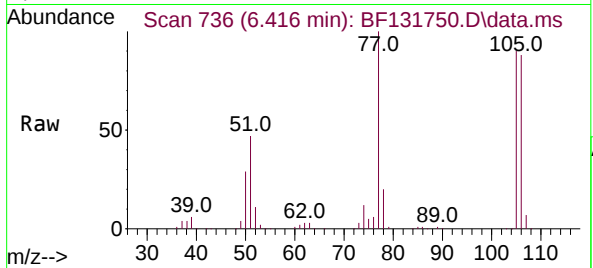




#9
Benzaldehyde
Concen: 53.122 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

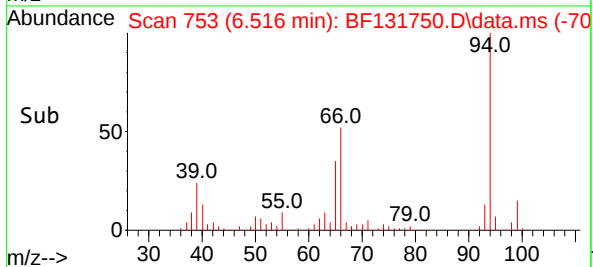
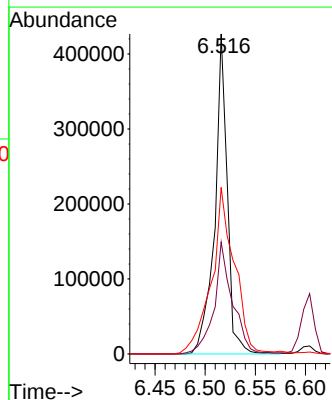
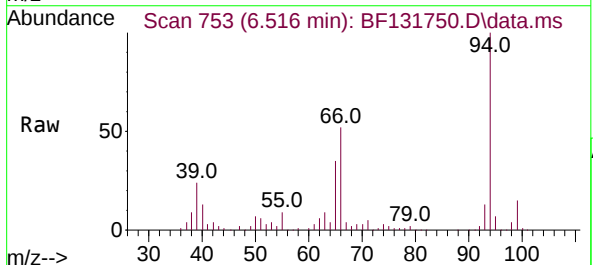
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ClientSampleId :
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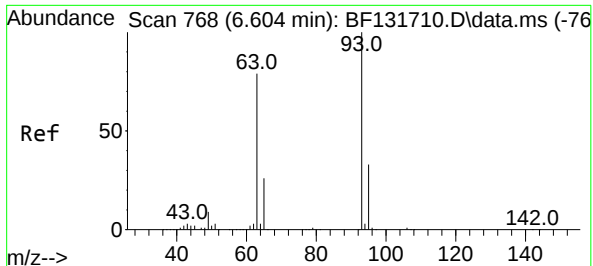
Tgt Ion: 77	Resp: 214012
Ion Ratio	Lower Upper
77 100	
105 89.8	72.4 112.4
106 87.9	66.5 106.5



#10
Phenol
Concen: 43.815 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion: 94	Resp: 371237
Ion Ratio	Lower Upper
94 100	
65 35.0	14.0 54.0
66 52.0	28.8 68.8





#11

bis(2-Chloroethyl)ether

Concen: 47.199 ng

RT: 6.604 min Scan# 768

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

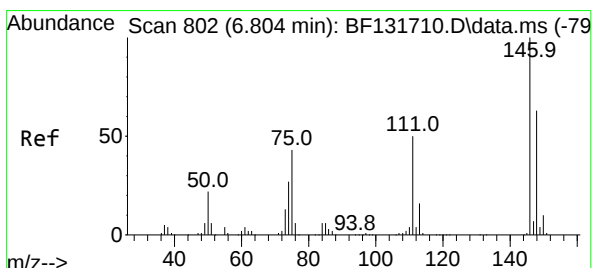
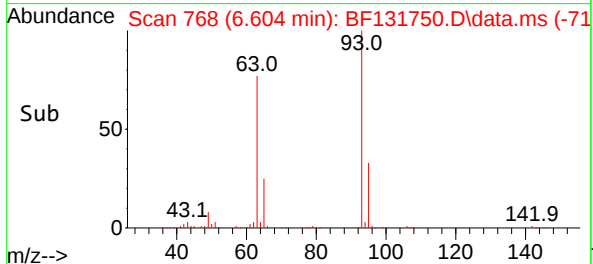
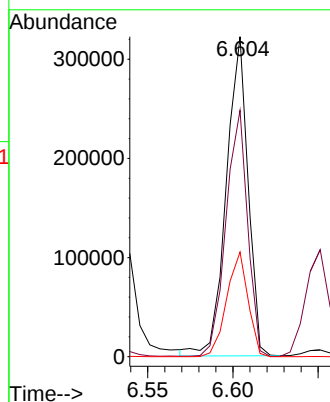
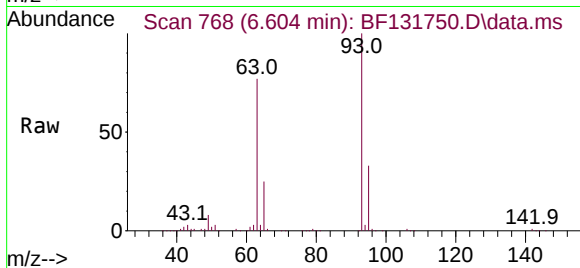
Tgt Ion: 93 Resp: 286174

Ion Ratio Lower Upper

93 100

63 77.0 59.0 99.0

95 32.7 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 45.020 ng

RT: 6.804 min Scan# 802

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

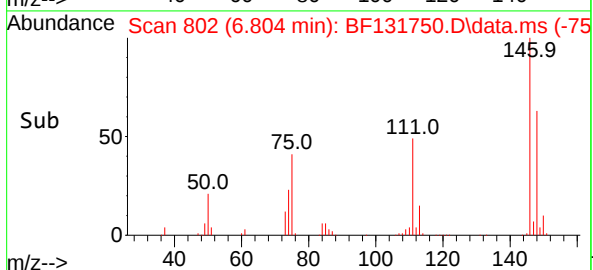
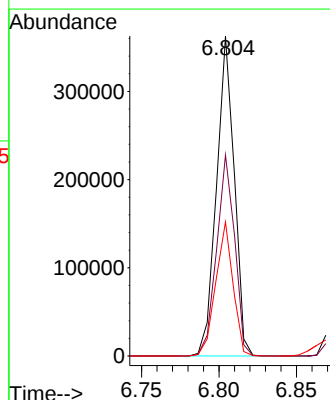
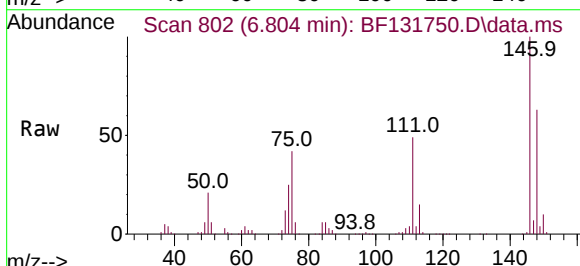
Tgt Ion: 146 Resp: 288191

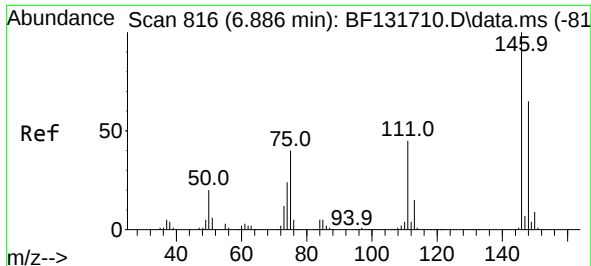
Ion Ratio Lower Upper

146 100

148 62.8 50.6 76.0

75 41.9 34.3 51.5

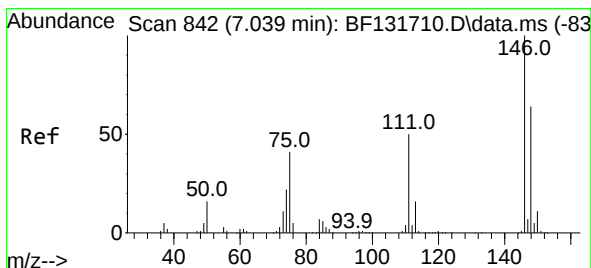
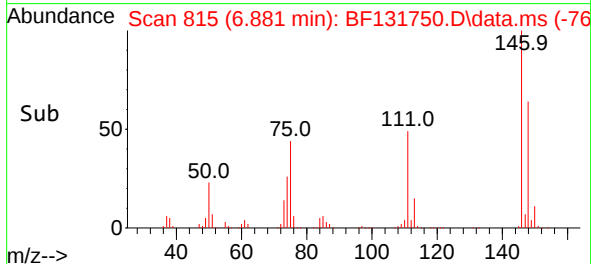
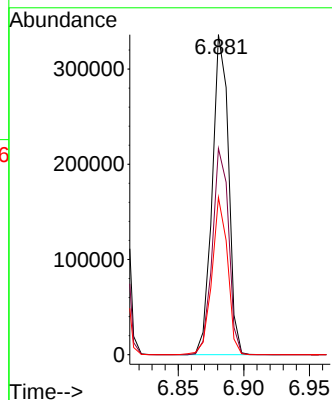
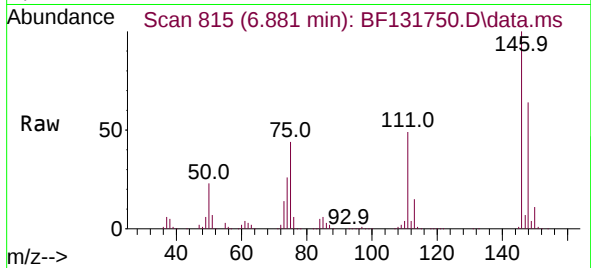




#13
1,4-Dichlorobenzene
Concen: 44.321 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

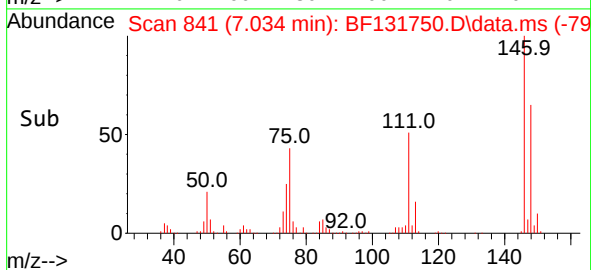
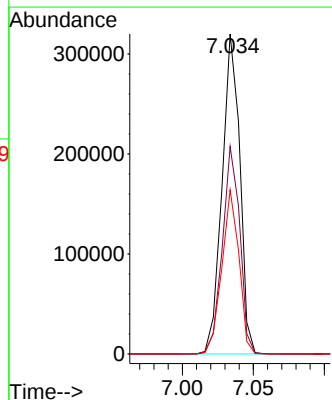
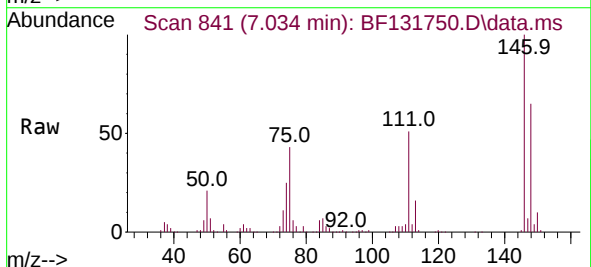
Instrument :
BNA_F
ClientSampleId :
PB149706BS

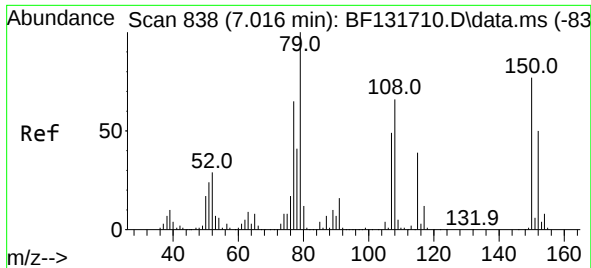
Tgt Ion:146 Resp: 290006
Ion Ratio Lower Upper
146 100
148 64.5 52.2 78.4
111 49.2 36.4 54.6



#14
1,2-Dichlorobenzene
Concen: 45.275 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:146 Resp: 277378
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
111 51.3 39.8 59.6

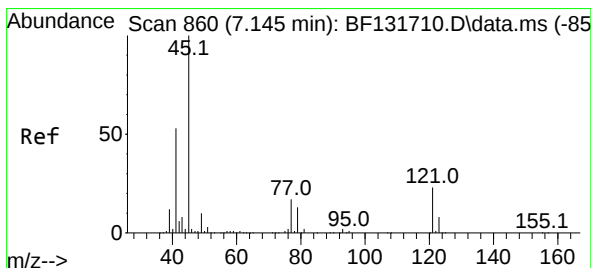
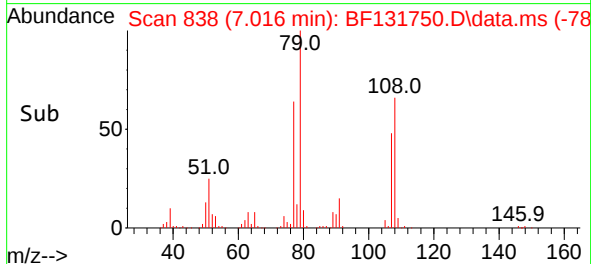
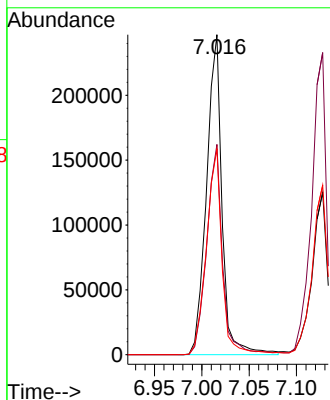
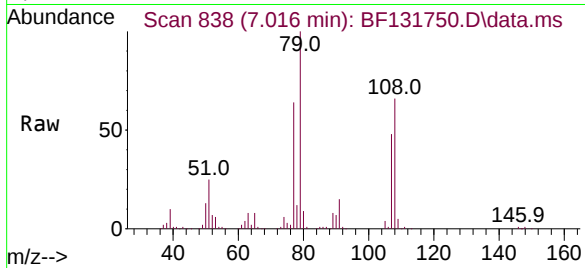




#15
Benzyl Alcohol
Concen: 44.107 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

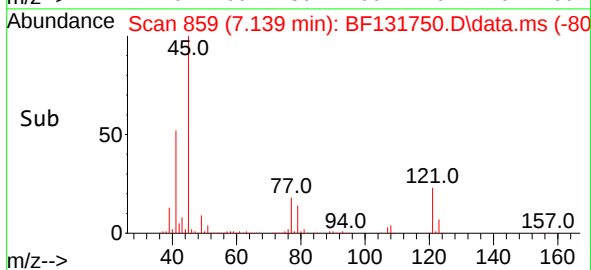
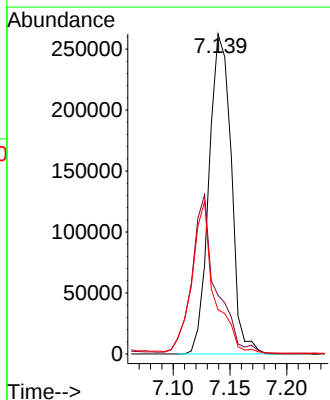
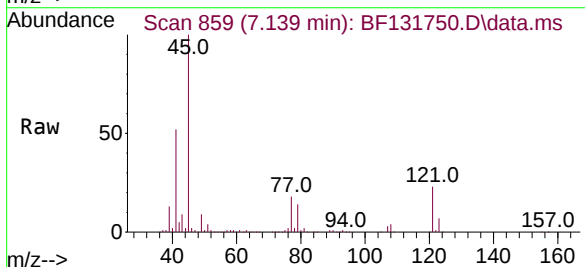
Instrument :
BNA_F
ClientSampleId :
PB149706BS

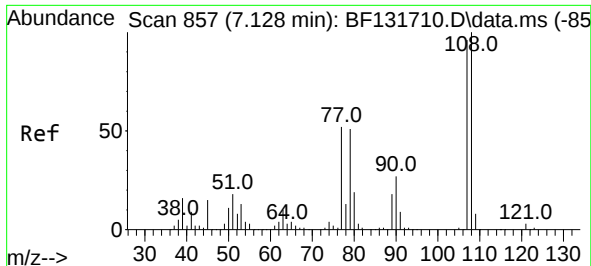
Tgt Ion: 79 Resp: 279568
Ion Ratio Lower Upper
79 100
108 65.7 52.6 78.8
77 64.3 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.026 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion: 45 Resp: 355835
Ion Ratio Lower Upper
45 100
77 18.4 0.0 36.8
79 13.8 0.0 33.1

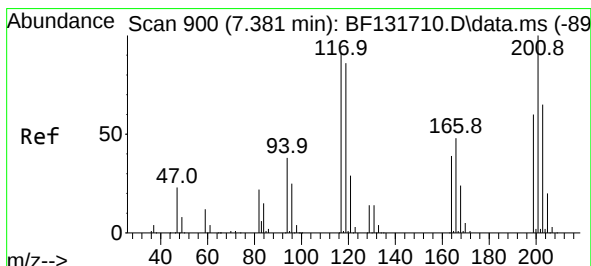
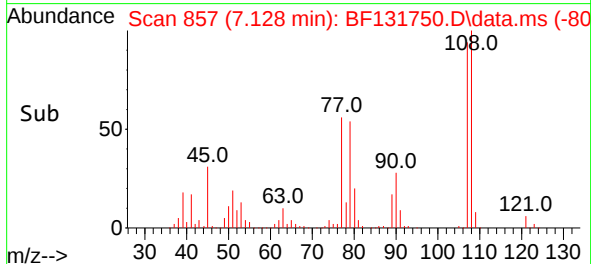
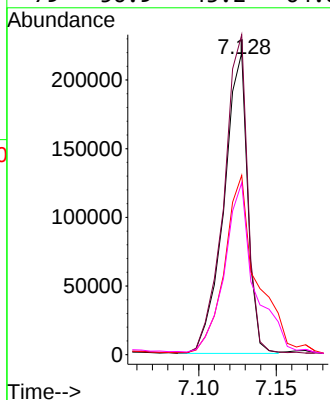
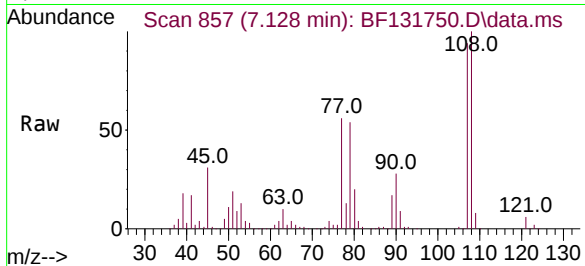




#17
2-Methylphenol
Concen: 43.637 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

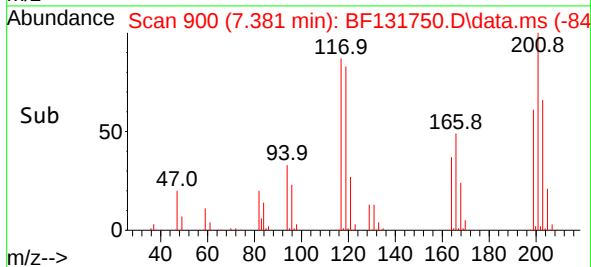
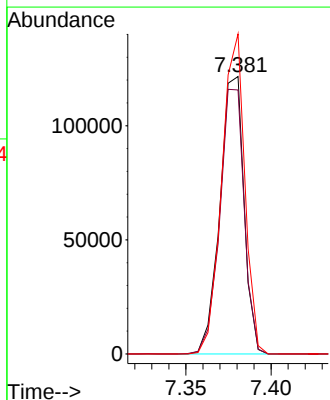
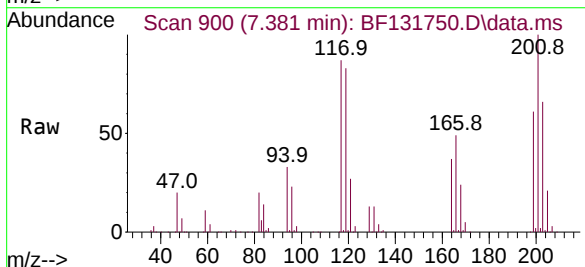
Instrument :
BNA_F
ClientSampleId :
PB149706BS

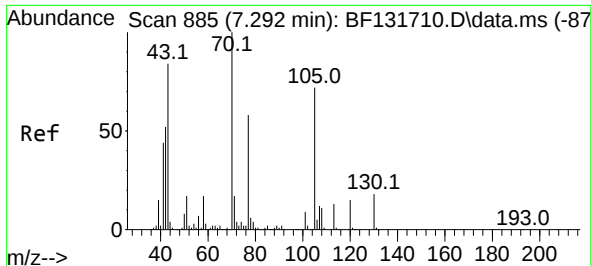
Tgt Ion:	107	Resp:	233281
Ion	Ratio	Lower	Upper
107	100		
108	106.0	83.8	125.6
77	59.4	43.8	65.8
79	56.9	43.2	64.8



#18
Hexachloroethane
Concen: 46.045 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:	117	Resp:	119432
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	115.4	88.2	132.4



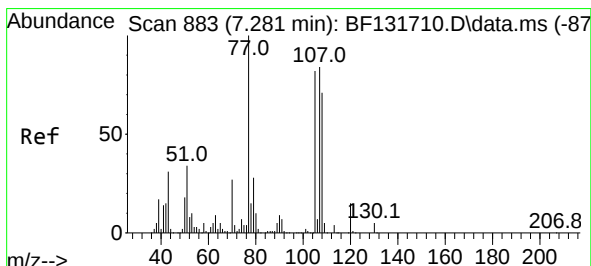
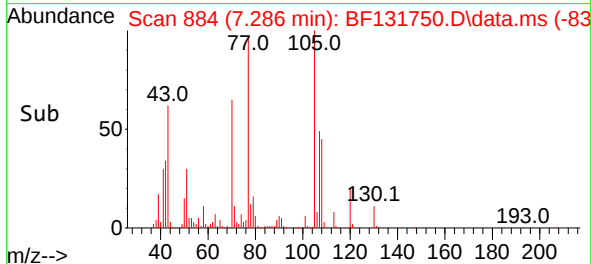
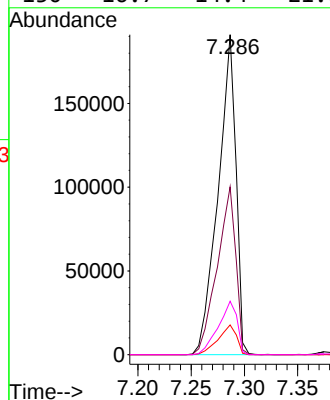
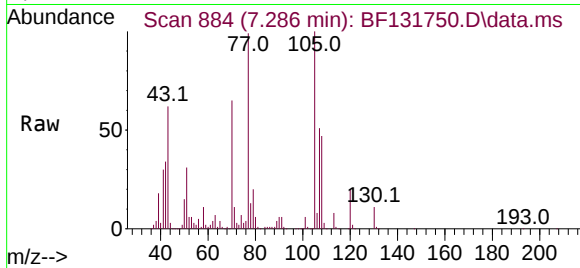


#19
n-Nitroso-di-n-propylamine
Concen: 43.318 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Instrument :
BNA_F
ClientSampleId :
PB149706BS

Tgt Ion: 70 Resp: 221704

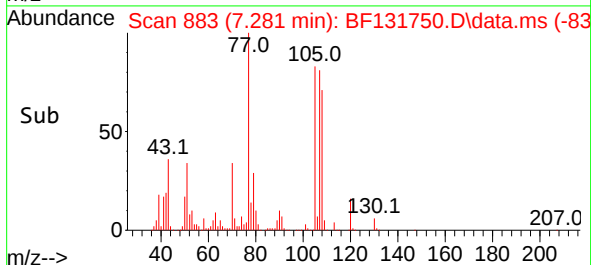
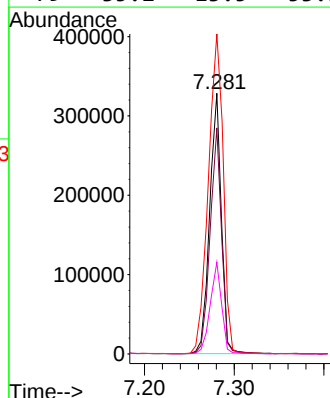
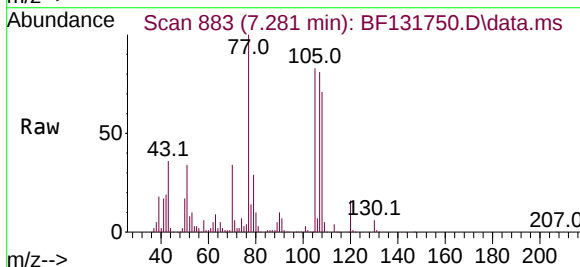
Ion	Ratio	Lower	Upper
70	100		
42	52.5	41.5	62.3
101	9.3	7.3	10.9
130	16.7	14.4	21.6

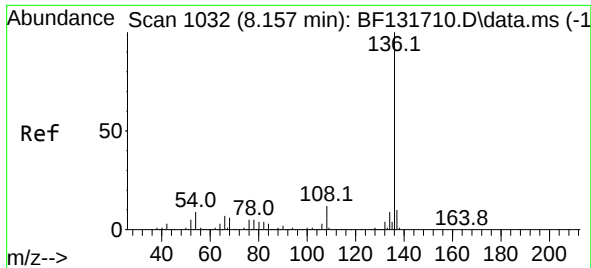


#20
3+4-Methylphenols
Concen: 43.284 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion: 107 Resp: 297816

Ion	Ratio	Lower	Upper
107	100		
108	86.8	65.2	105.2
77	122.8	99.6	139.6
79	35.2	13.5	53.5



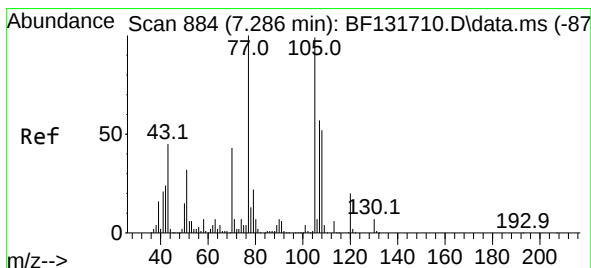
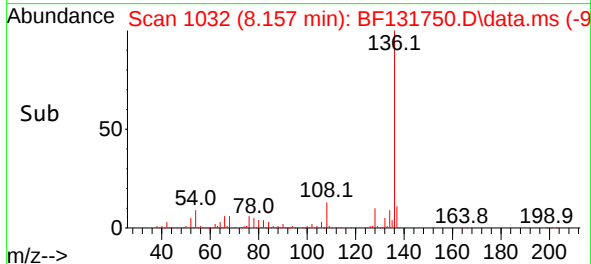
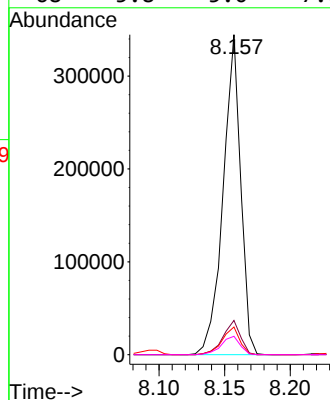
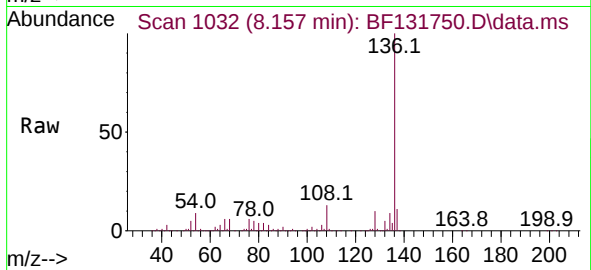


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Instrument :
BNA_F
ClientSampleId :
PB149706BS

Tgt Ion:136 Resp: 319324

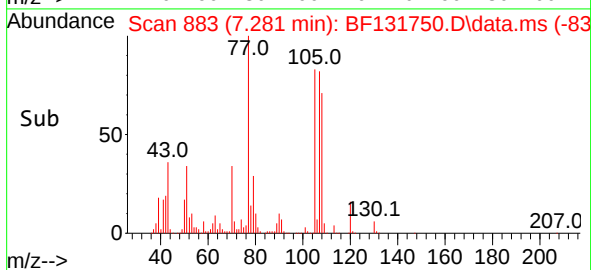
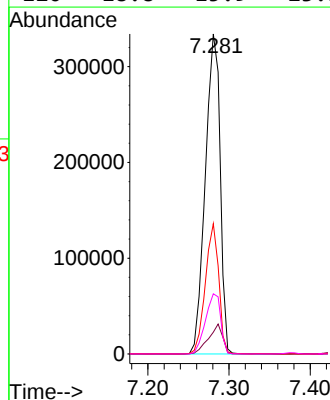
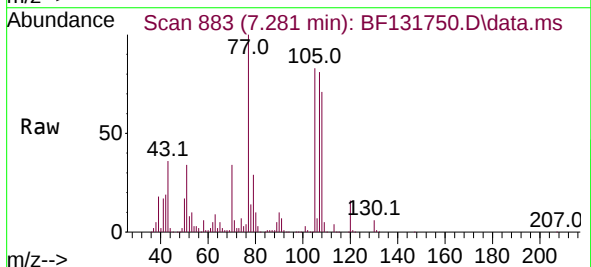
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	8.6	7.2	10.8
68	5.8	5.0	7.6

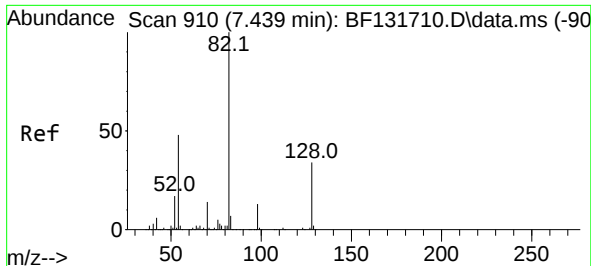


#22
Acetophenone
Concen: 45.424 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:105 Resp: 423293

Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.5	8.3
51	40.7	25.5	38.3#
120	18.8	15.9	23.9





#23

Nitrobenzene-d5

Concen: 92.043 ng

RT: 7.439 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

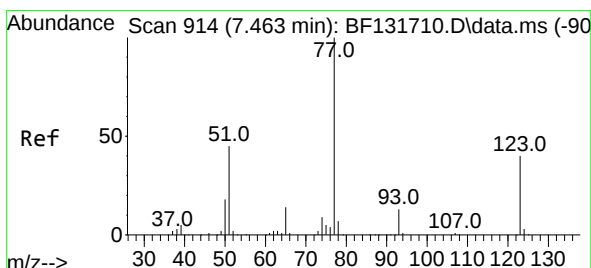
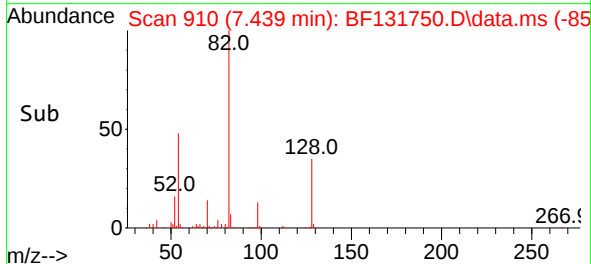
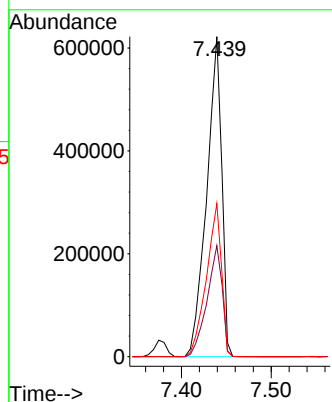
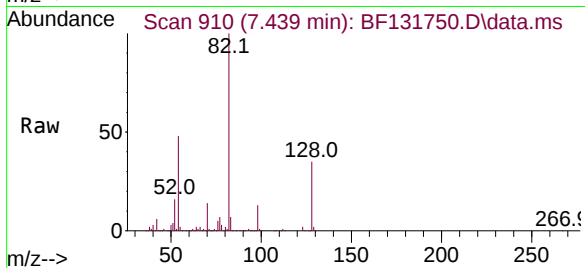
Tgt Ion: 82 Resp: 723997

Ion Ratio Lower Upper

82 100

128 34.7 27.3 40.9

54 47.9 38.2 57.2



#24

Nitrobenzene

Concen: 43.981 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

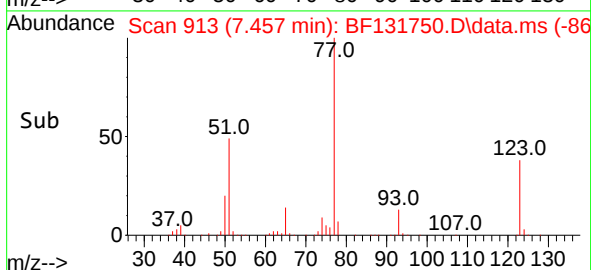
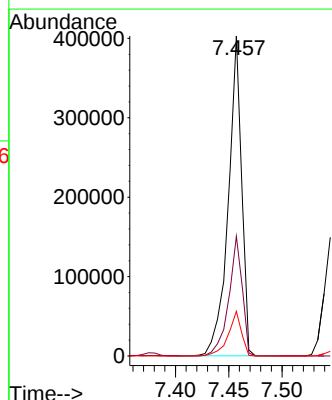
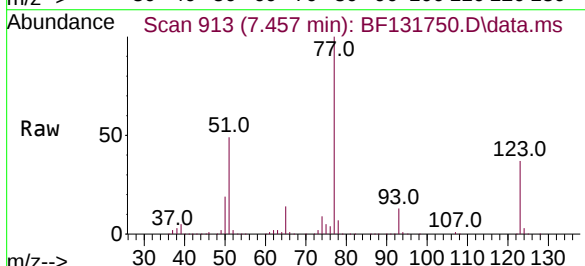
Tgt Ion: 77 Resp: 351693

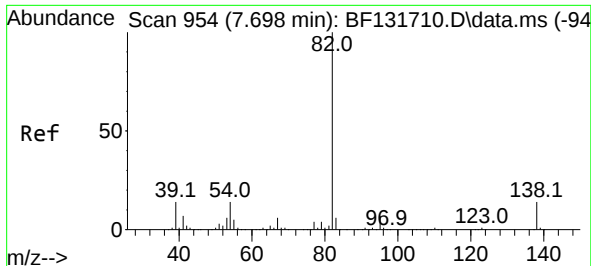
Ion Ratio Lower Upper

77 100

123 37.4 31.8 47.6

65 13.9 10.9 16.3

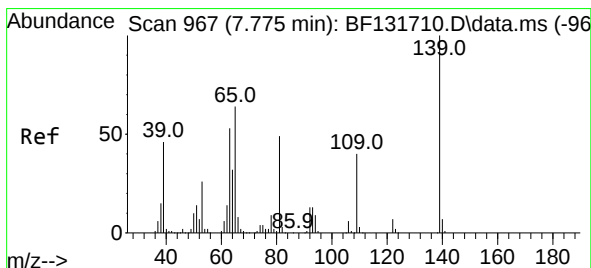
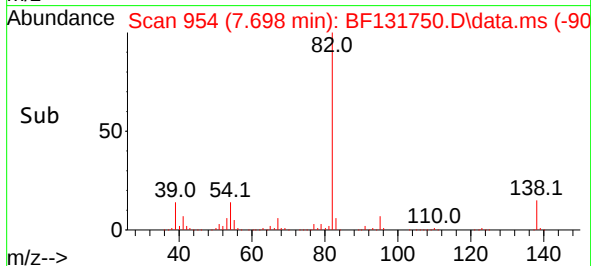
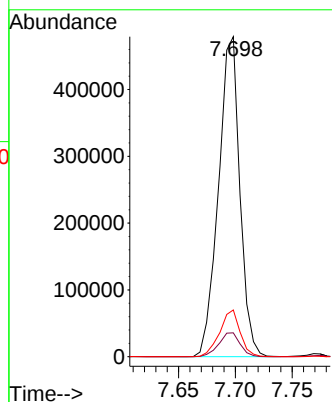
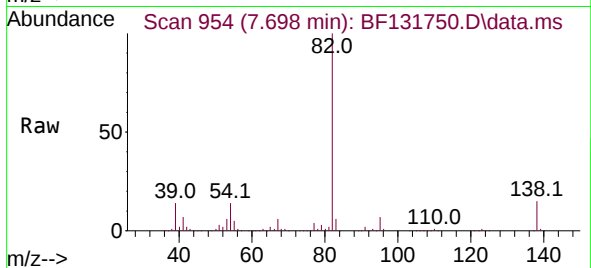




#25
Isophorone
Concen: 46.983 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

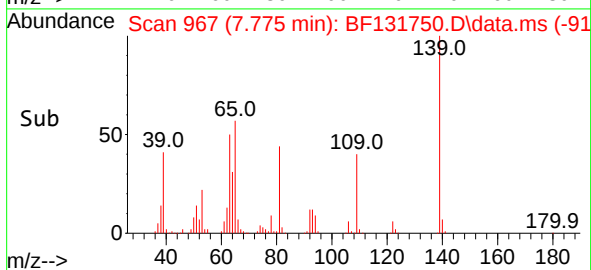
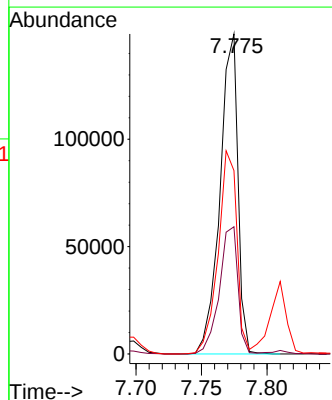
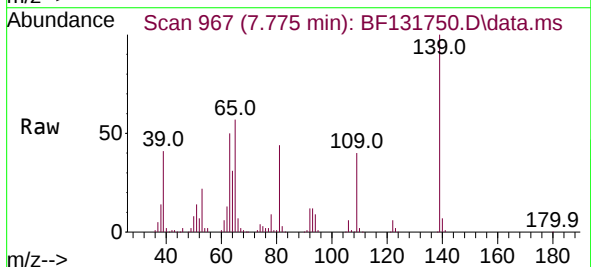
Instrument :
BNA_F
ClientSampleId :
PB149706BS

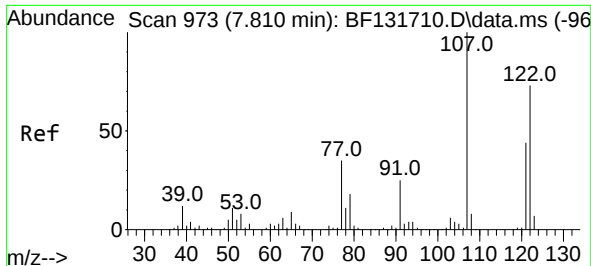
Tgt Ion: 82 Resp: 627616
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.6
138 14.6 11.6 17.4



#26
2-Nitrophenol
Concen: 45.301 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion: 139 Resp: 141572
Ion Ratio Lower Upper
139 100
109 39.7 31.8 47.6
65 57.3 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 52.356 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

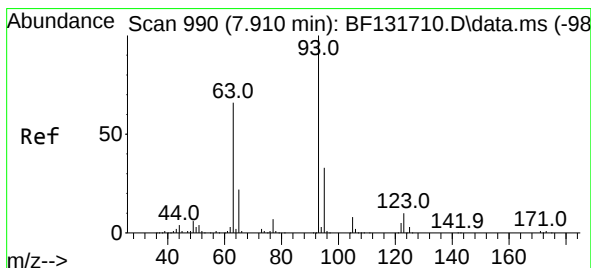
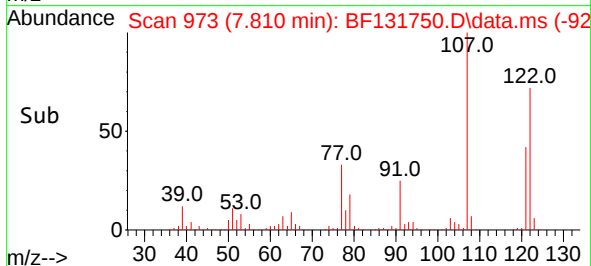
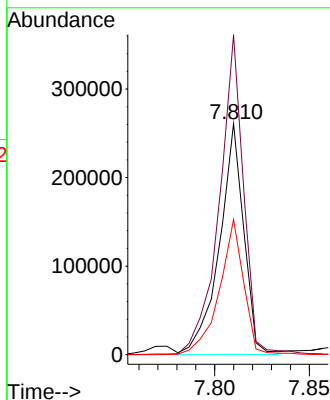
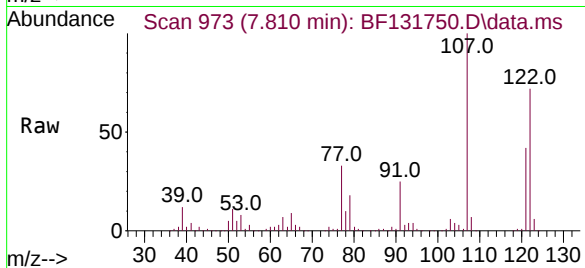
Tgt Ion:122 Resp: 233043

Ion Ratio Lower Upper

122 100

107 138.4 110.1 165.1

121 58.4 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 49.376 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

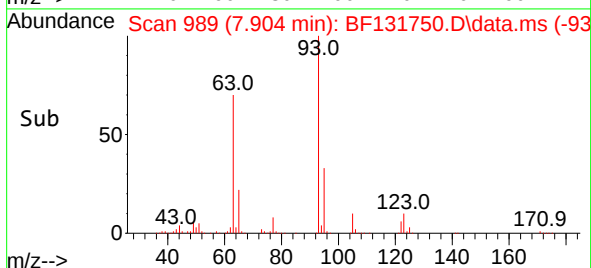
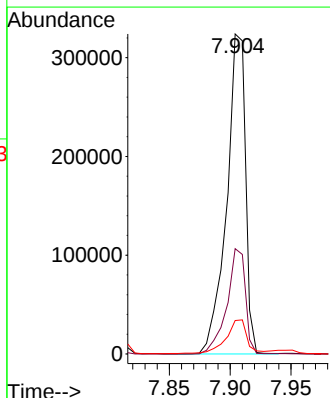
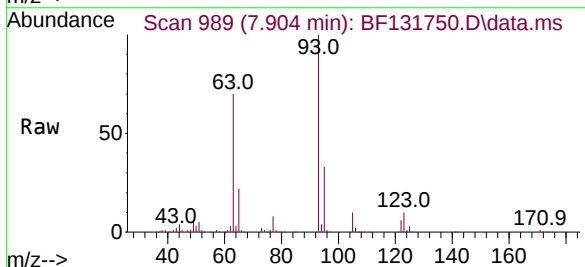
Tgt Ion: 93 Resp: 350254

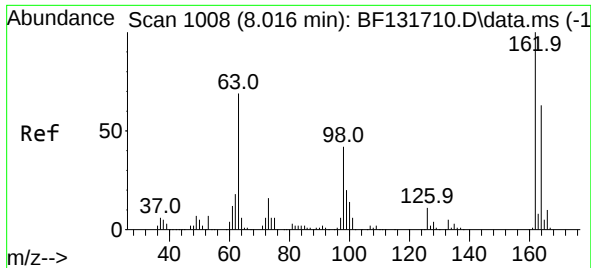
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 10.4 8.2 12.2

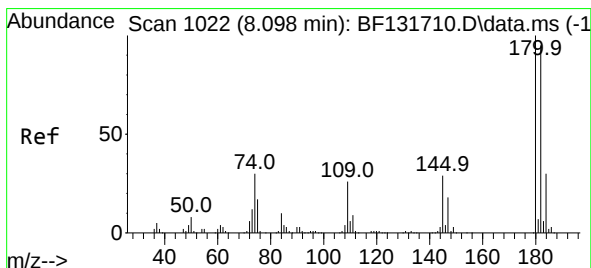
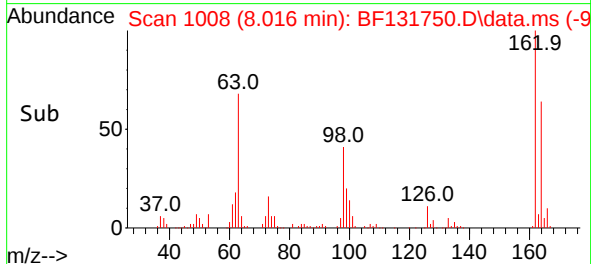
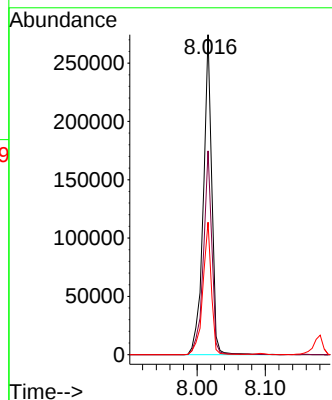
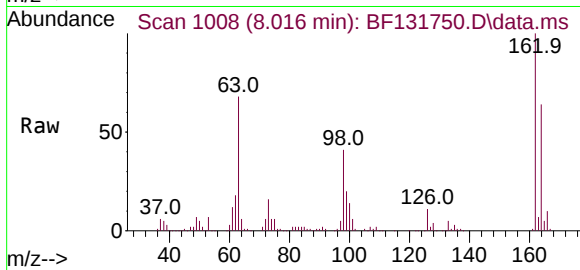




#29
2,4-Dichlorophenol
Concen: 44.208 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

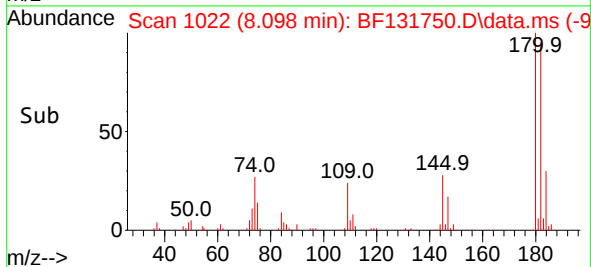
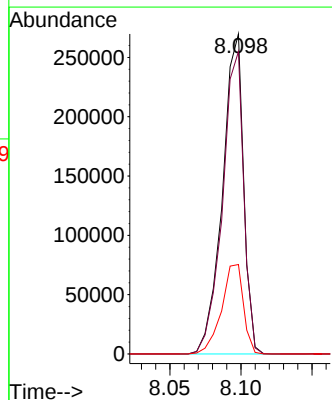
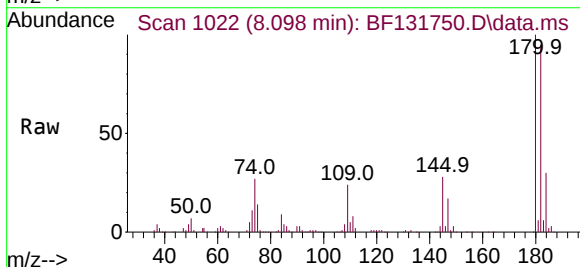
Instrument :
BNA_F
ClientSampleId :
PB149706BS

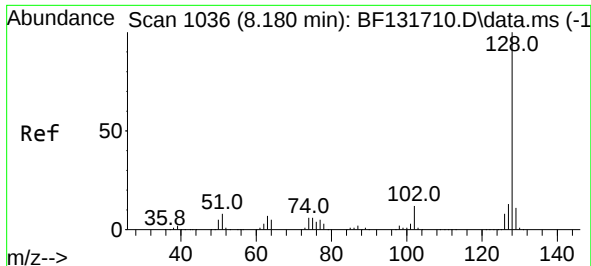
Tgt Ion:162 Resp: 237549
Ion Ratio Lower Upper
162 100
164 63.7 42.9 82.9
98 41.4 21.9 61.9



#30
1,2,4-Trichlorobenzene
Concen: 44.088 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:180 Resp: 278511
Ion Ratio Lower Upper
180 100
182 94.5 76.1 114.1
145 28.0 23.4 35.0





#31

Naphthalene

Concen: 42.895 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

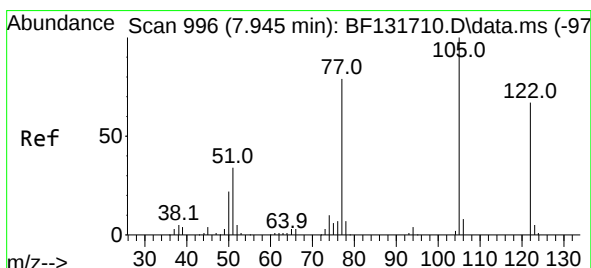
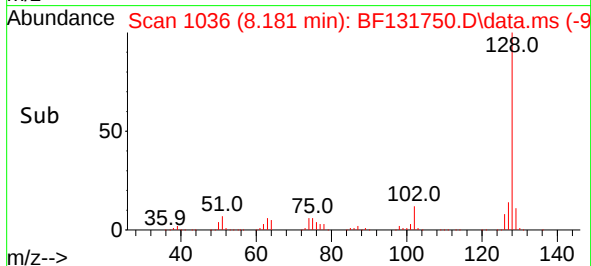
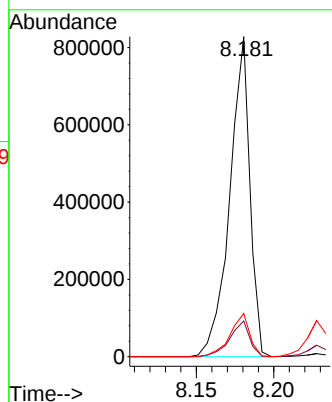
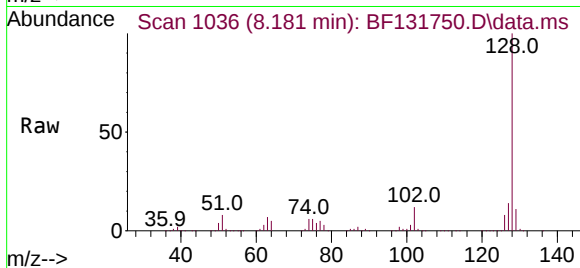
Tgt Ion:128 Resp: 748063

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.5 10.6 15.8



#32

Benzoic acid

Concen: 48.302 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.006 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

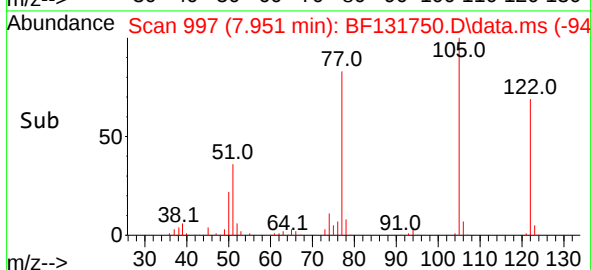
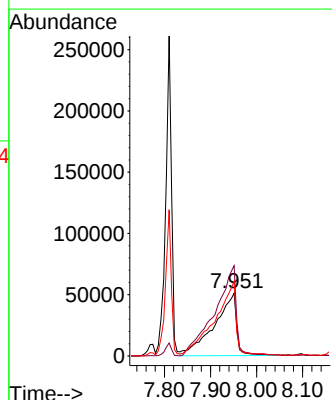
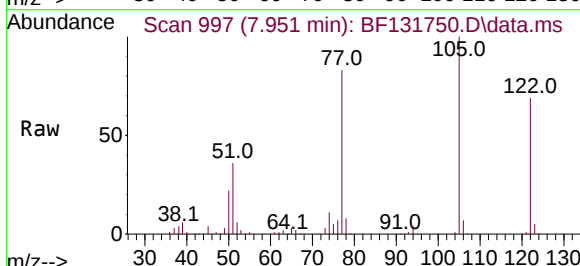
Tgt Ion:122 Resp: 172099

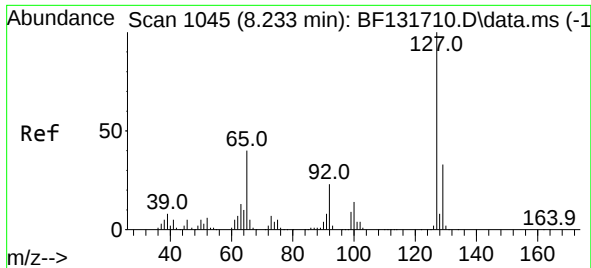
Ion Ratio Lower Upper

122 100

105 143.9 125.1 165.1

77 119.6 95.3 135.3

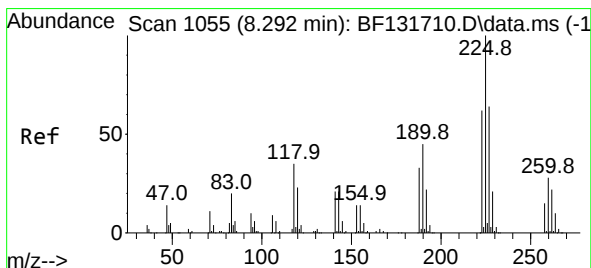
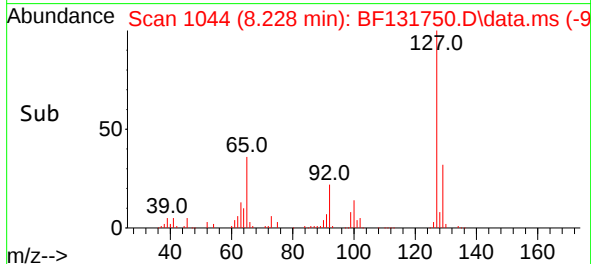
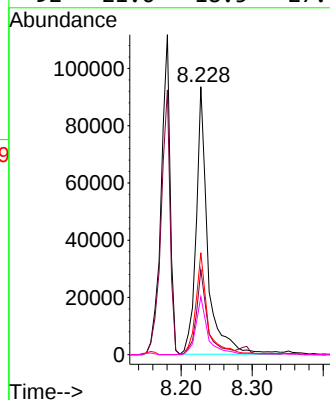
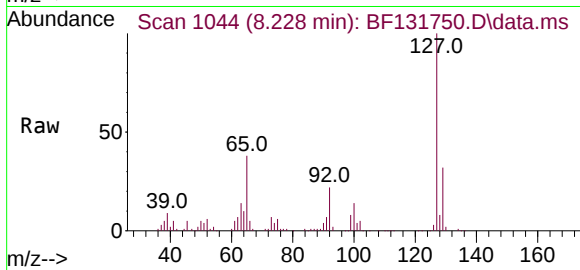




#33
4-Chloroaniline
Concen: 15.760 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

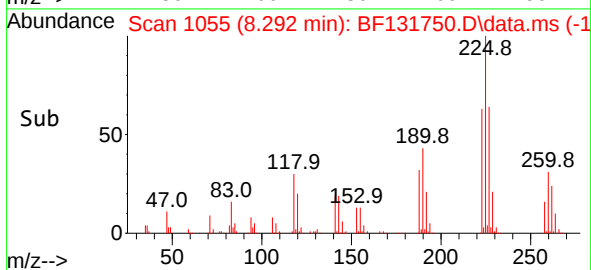
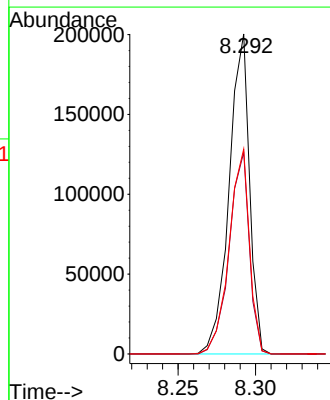
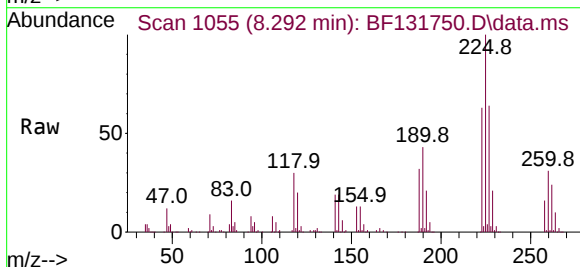
Instrument :
BNA_F
ClientSampleId :
PB149706BS

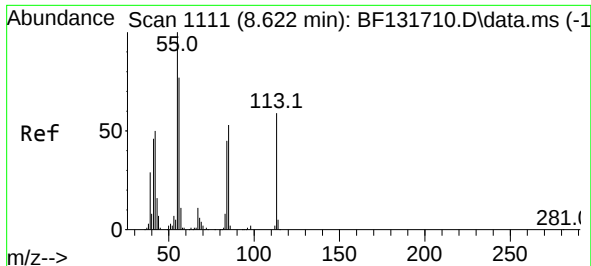
Tgt Ion:127	Resp: 107187
Ion Ratio	Lower Upper
127 100	
129 31.7	26.1 39.1
65 38.0	31.8 47.6
92 21.6	18.5 27.7



#34
Hexachlorobutadiene
Concen: 43.165 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:225	Resp: 183458
Ion Ratio	Lower Upper
225 100	
223 63.0	49.5 74.3
227 64.1	51.0 76.4

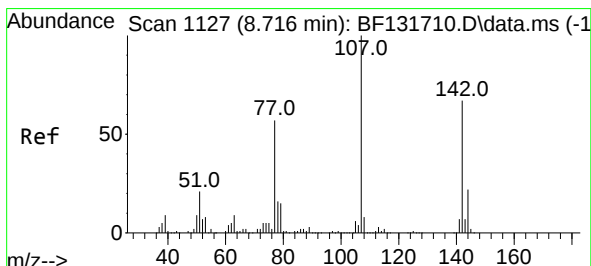
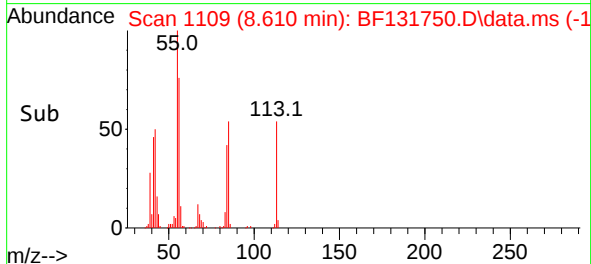
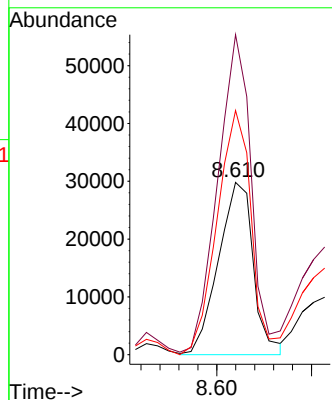
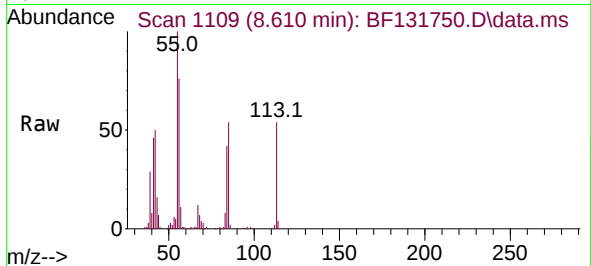




#35
Caprolactam
Concen: 23.568 ng
RT: 8.610 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

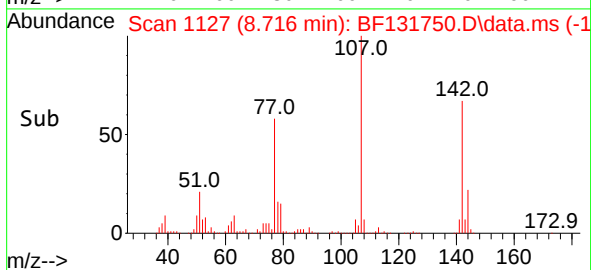
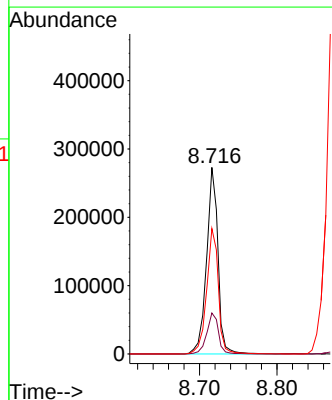
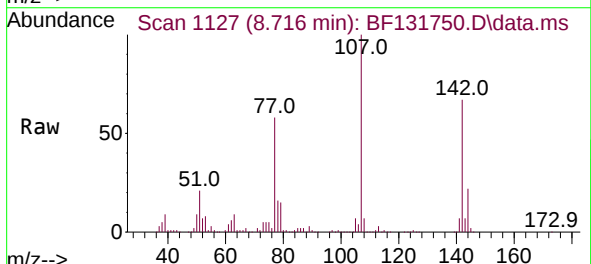
Instrument :
BNA_F
ClientSampleId :
PB149706BS

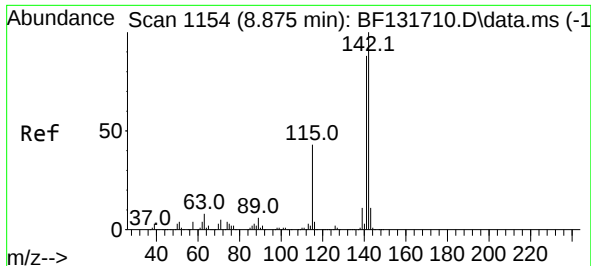
Tgt Ion:113 Resp: 38187
Ion Ratio Lower Upper
113 100
55 185.6 149.0 189.0
56 141.6 109.5 149.5



#36
4-Chloro-3-methylphenol
Concen: 45.450 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:107 Resp: 278990
Ion Ratio Lower Upper
107 100
144 21.9 17.5 26.3
142 67.2 53.4 80.0

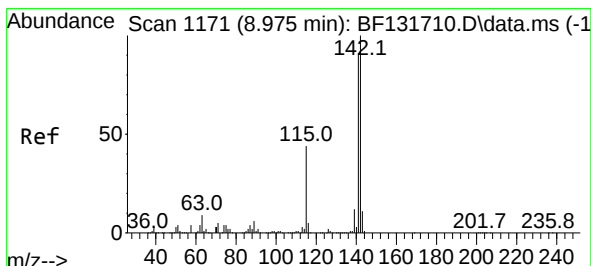
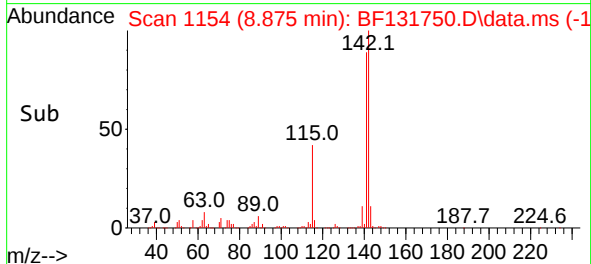
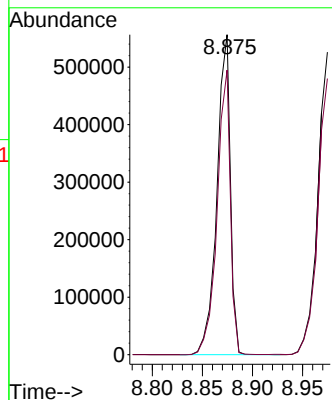
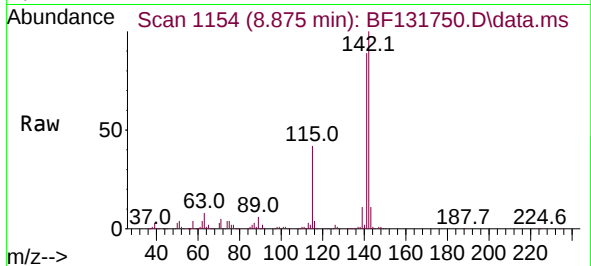




#37
2-Methylnaphthalene
Concen: 43.437 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

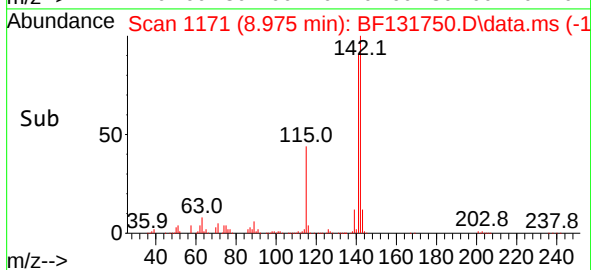
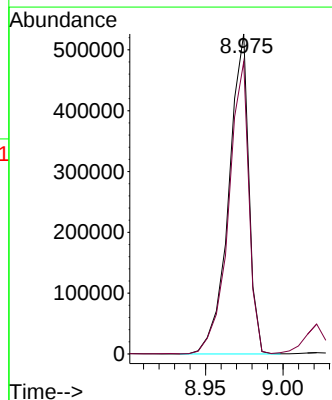
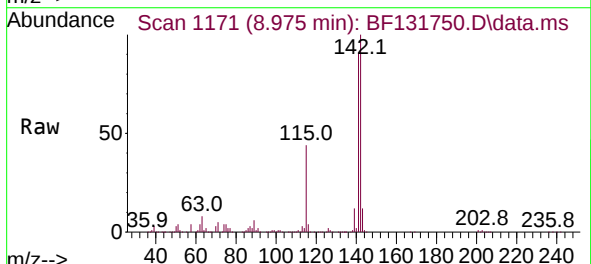
Instrument :
BNA_F
ClientSampleId :
PB149706BS

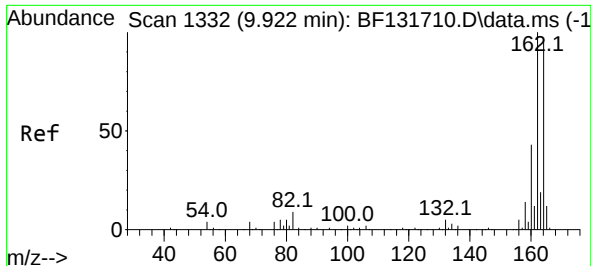
Tgt Ion:142 Resp: 516714
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6



#38
1-Methylnaphthalene
Concen: 41.233 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

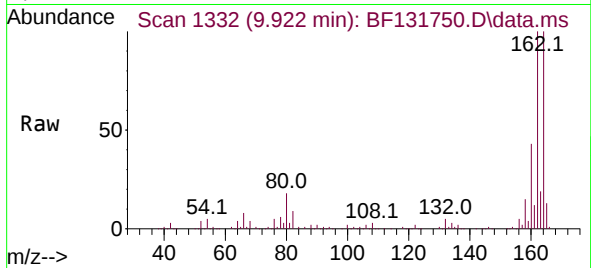
Tgt Ion:142 Resp: 475062
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.6



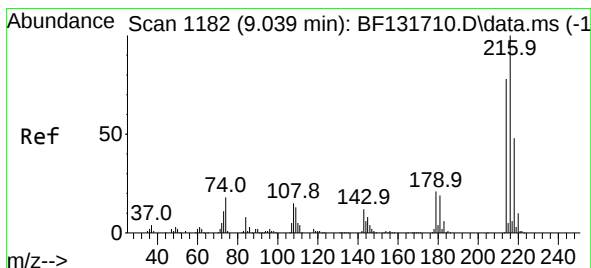
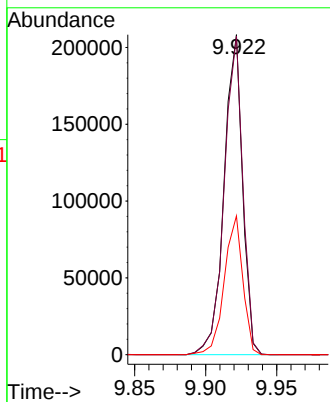
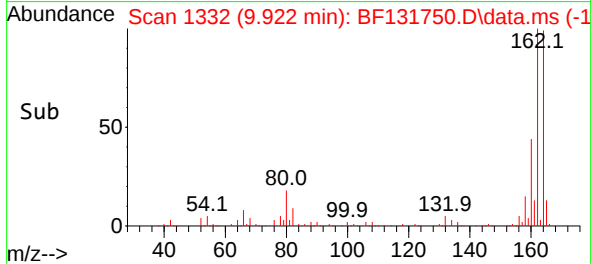


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

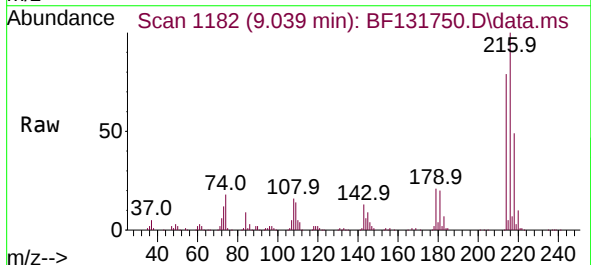
Instrument :
BNA_F
ClientSampleId :
PB149706BS



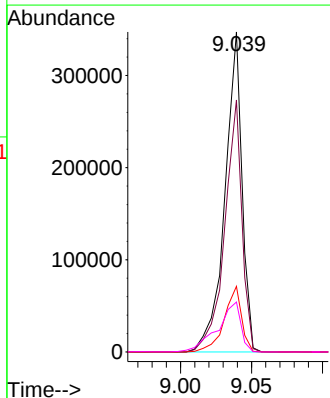
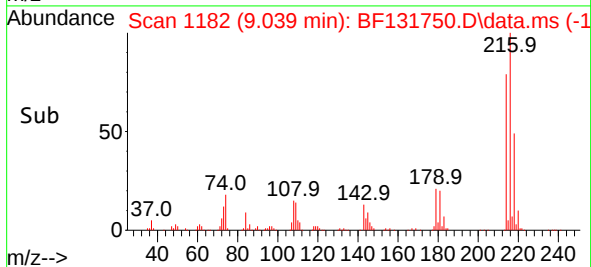
Tgt Ion:164 Resp: 188574
Ion Ratio Lower Upper
164 100
162 99.5 83.7 125.5
160 43.4 36.2 54.4

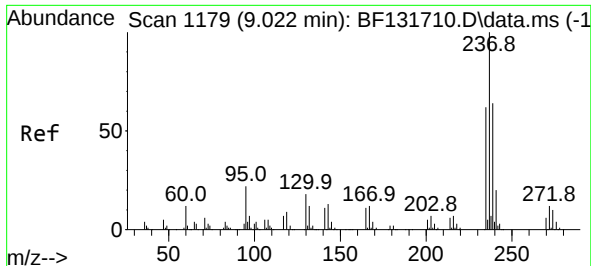


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.150 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48



Tgt Ion:216 Resp: 291294
Ion Ratio Lower Upper
216 100
214 79.2 62.9 94.3
179 20.8 16.3 24.5
108 21.4 14.2 21.4

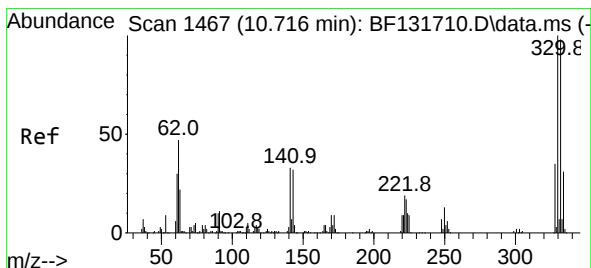
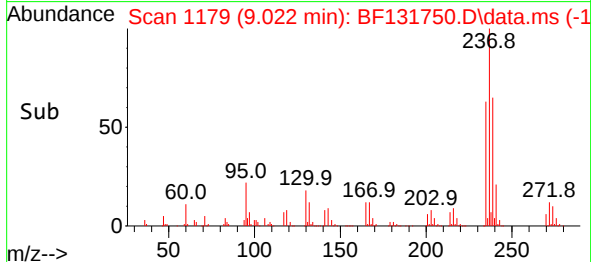
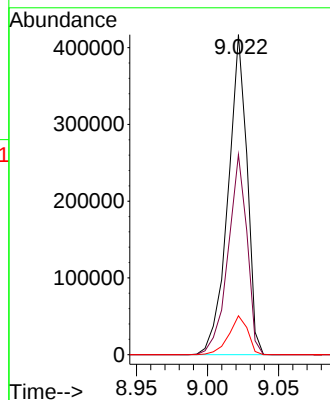
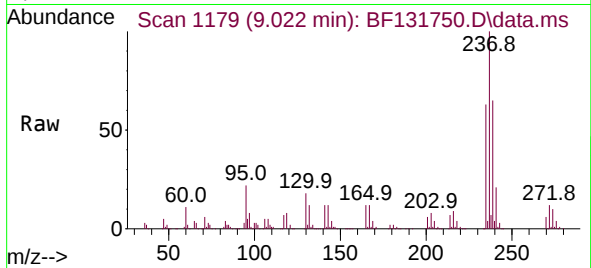




#41
Hexachlorocyclopentadiene
Concen: 132.382 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

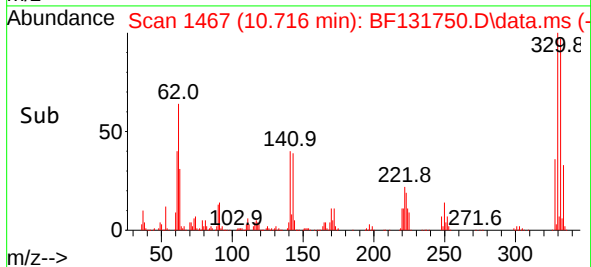
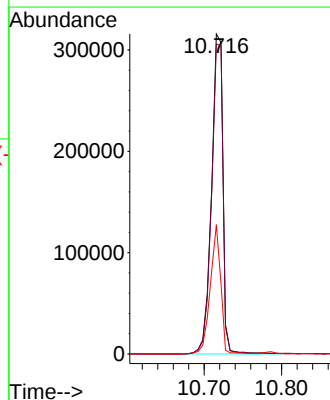
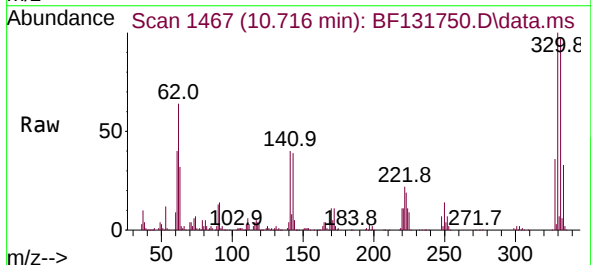
Instrument :
BNA_F
ClientSampleId :
PB149706BS

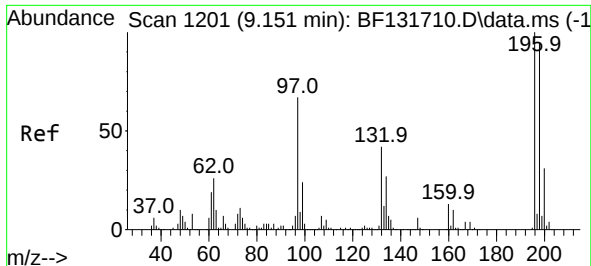
Tgt Ion:237 Resp: 386947
Ion Ratio Lower Upper
237 100
235 62.6 42.2 82.2
272 12.2 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 156.194 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:330 Resp: 322386
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 37.1 30.4 45.6





#43

2,4,6-Trichlorophenol

Concen: 44.527 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

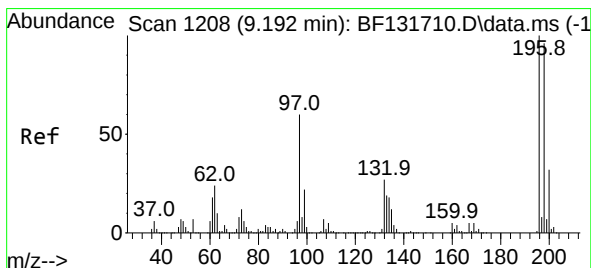
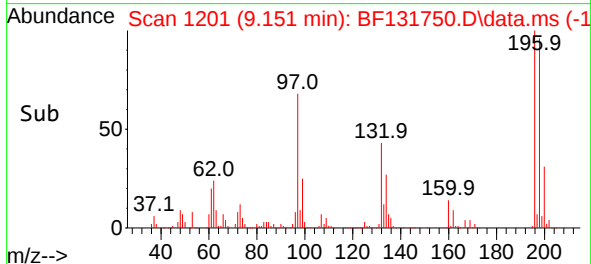
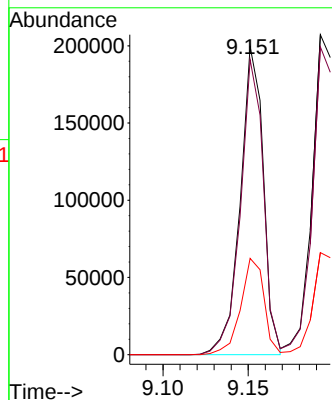
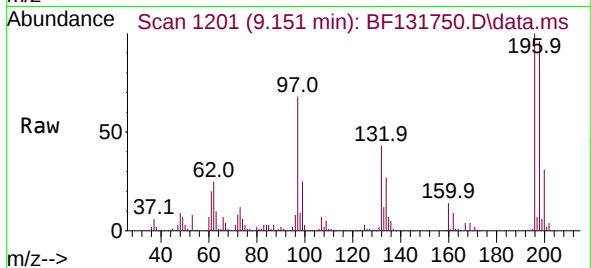
Tgt Ion:196 Resp: 187660

Ion Ratio Lower Upper

196 100

198 95.7 75.5 113.3

200 31.2 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 43.954 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Tgt Ion:196 Resp: 200539

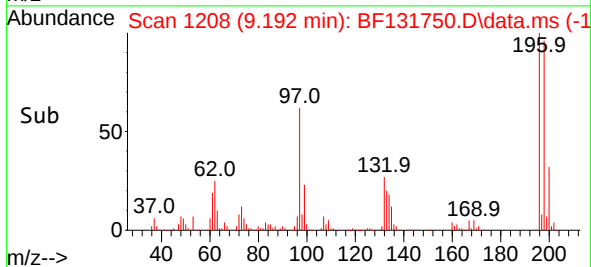
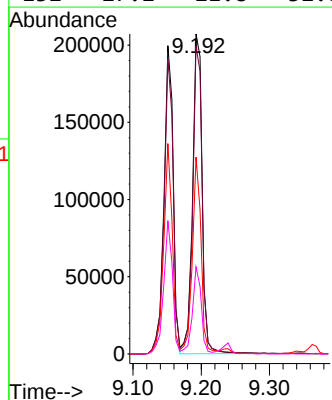
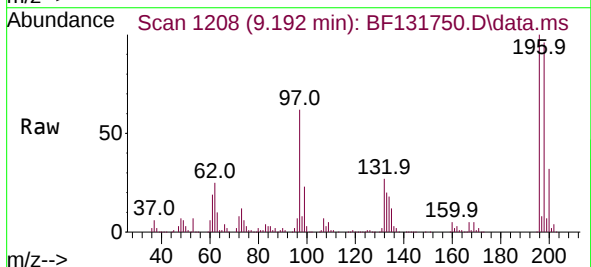
Ion Ratio Lower Upper

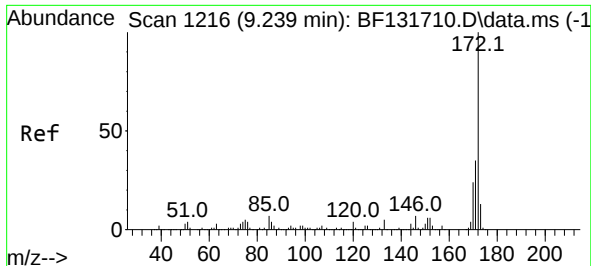
196 100

198 96.2 76.6 114.8

97 61.5 47.7 71.5

132 27.2 21.8 32.8

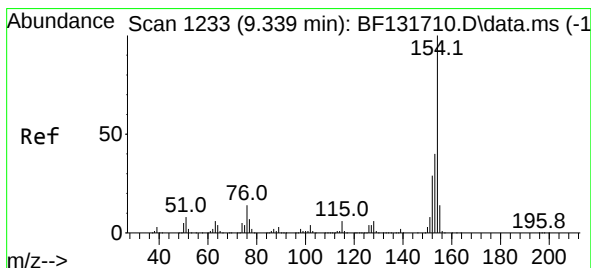
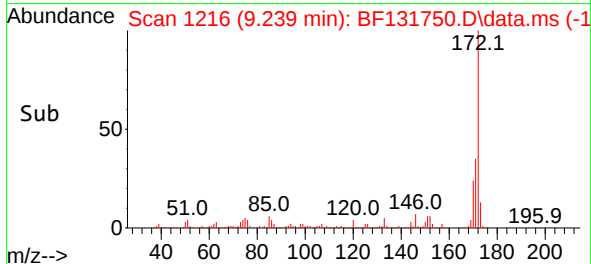
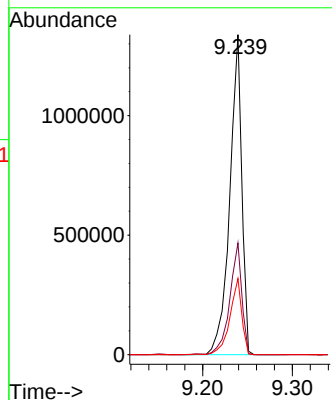
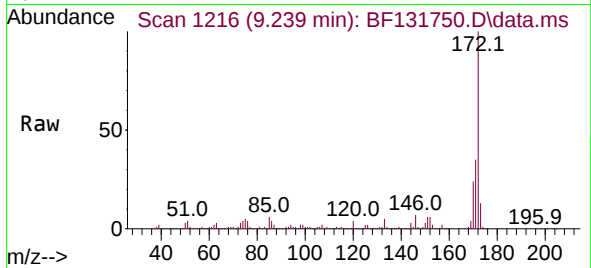




#45
2-Fluorobiphenyl
Concen: 92.694 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

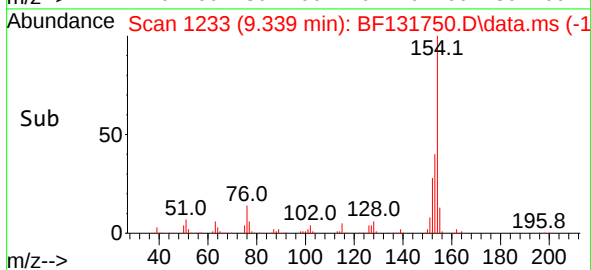
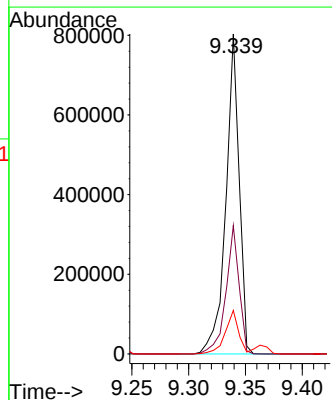
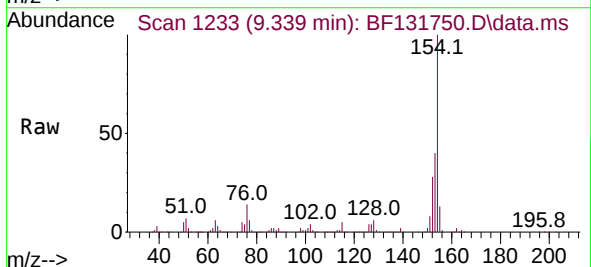
Instrument :
BNA_F
ClientSampleId :
PB149706BS

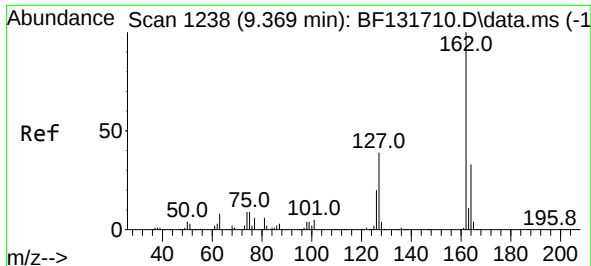
Tgt Ion:172 Resp: 1247815
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 46.131 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:154 Resp: 654338
Ion Ratio Lower Upper
154 100
153 40.1 20.1 60.1
76 13.6 0.0 33.6





#47

2-Chloronaphthalene

Concen: 44.556 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

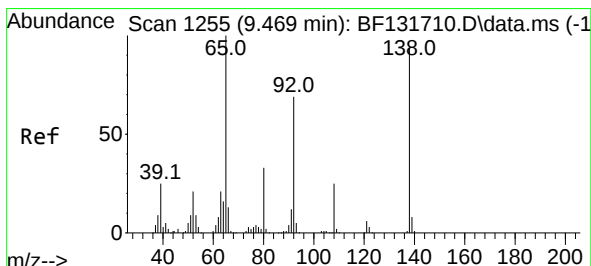
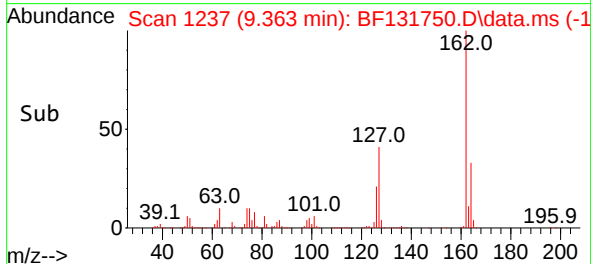
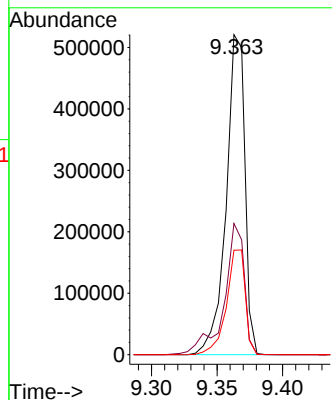
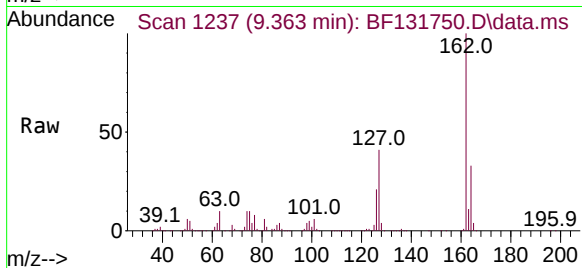
Tgt Ion:162 Resp: 517512

Ion Ratio Lower Upper

162 100

127 41.0 31.4 47.2

164 32.6 26.6 39.8



#48

2-Nitroaniline

Concen: 43.961 ng

RT: 9.469 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

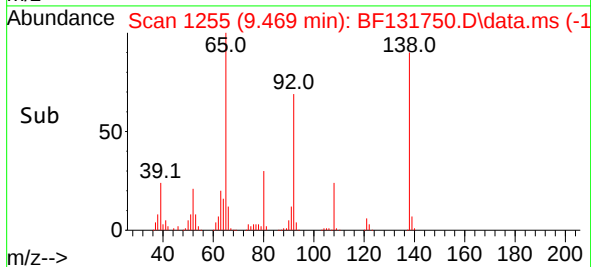
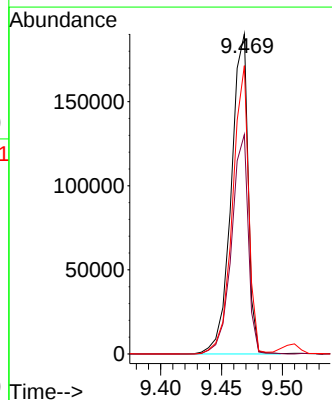
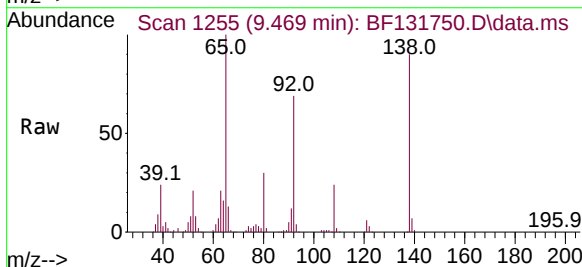
Tgt Ion: 65 Resp: 184039

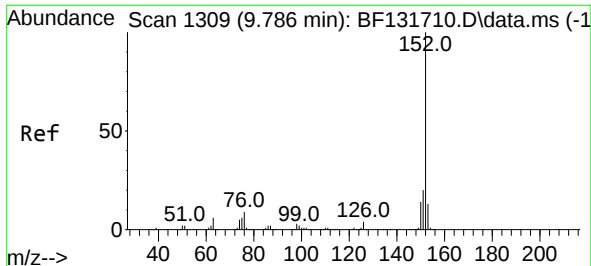
Ion Ratio Lower Upper

65 100

92 68.6 55.5 83.3

138 90.1 74.8 112.2

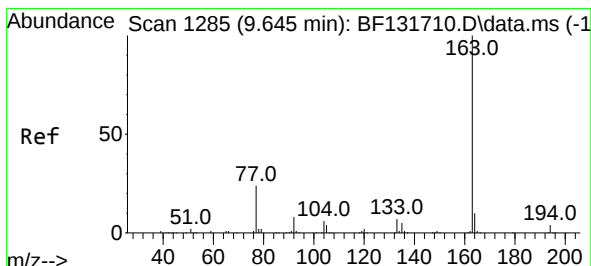
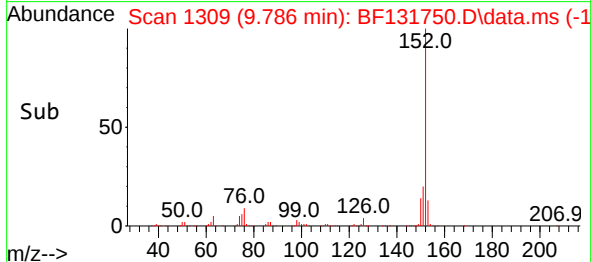
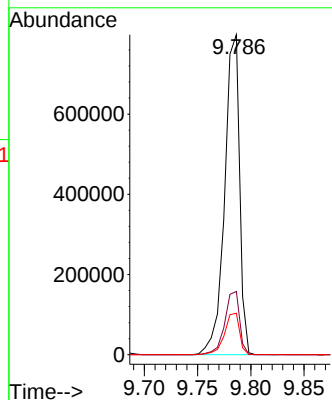
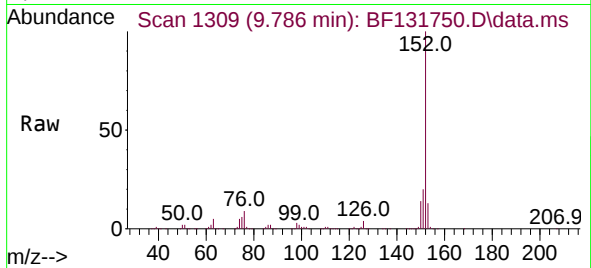




#49
Acenaphthylene
Concen: 44.525 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

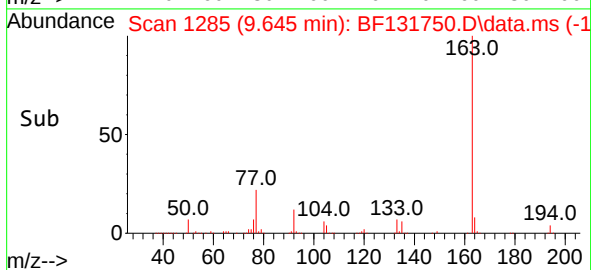
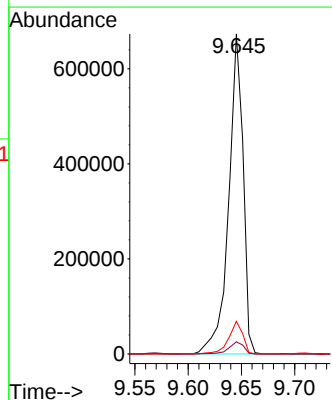
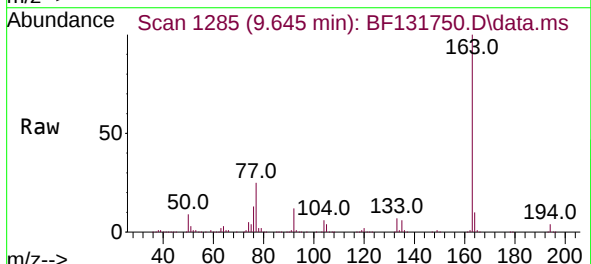
Instrument :
BNA_F
ClientSampleId :
PB149706BS

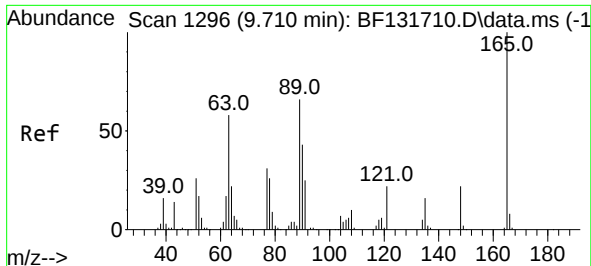
Tgt Ion:152 Resp: 775671
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.9 10.6 15.8



#50
Dimethylphthalate
Concen: 44.425 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:163 Resp: 630357
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.2 12.4

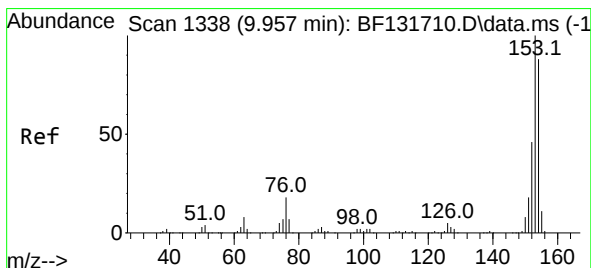
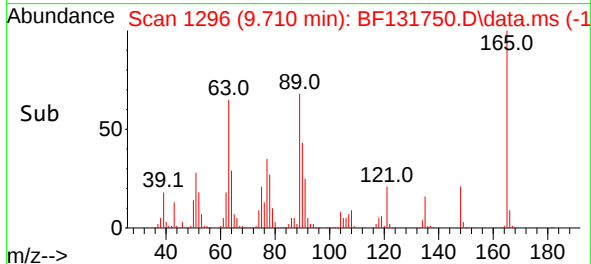
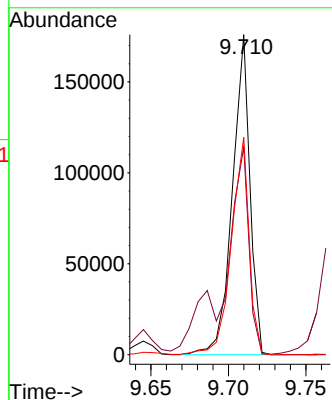
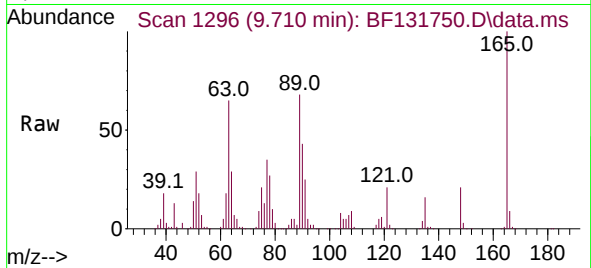




#51
2,6-Dinitrotoluene
Concen: 45.428 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

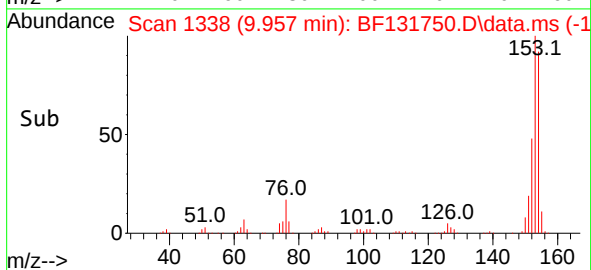
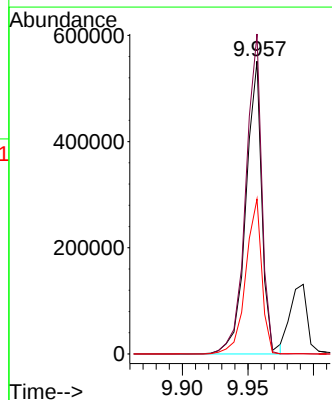
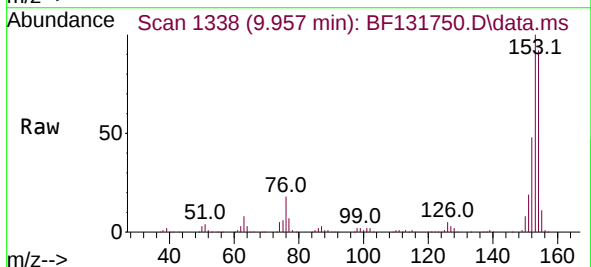
Instrument :
BNA_F
ClientSampleId :
PB149706BS

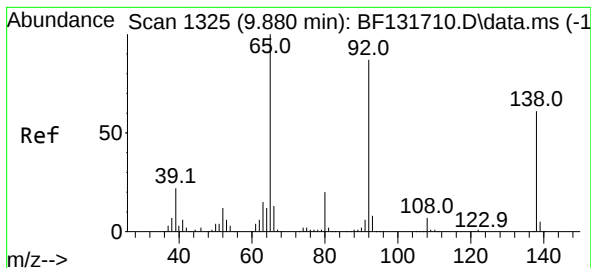
Tgt Ion:165 Resp: 138602
Ion Ratio Lower Upper
165 100
63 64.9 51.8 77.8
89 67.9 53.2 79.8



#52
Acenaphthene
Concen: 44.101 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:154 Resp: 470640
Ion Ratio Lower Upper
154 100
153 109.3 90.4 135.6
152 52.9 42.0 63.0





#53

3-Nitroaniline

Concen: 26.551 ng

RT: 9.880 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

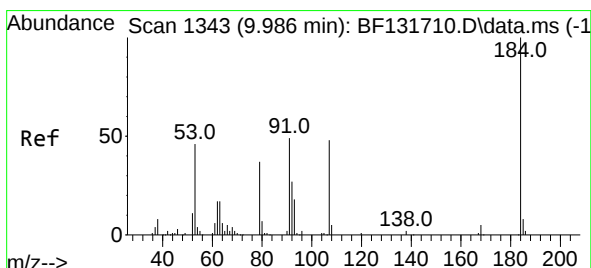
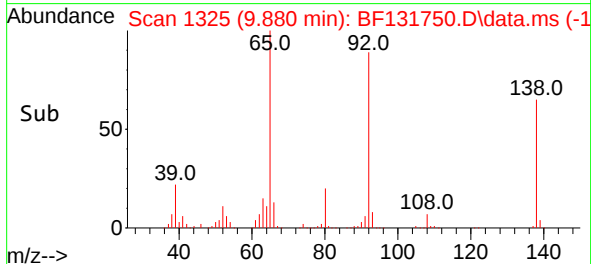
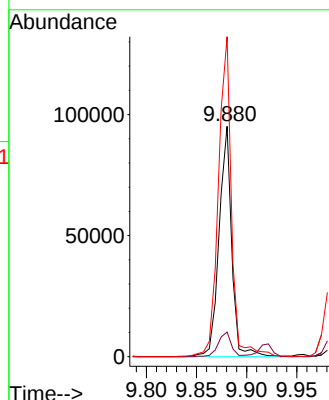
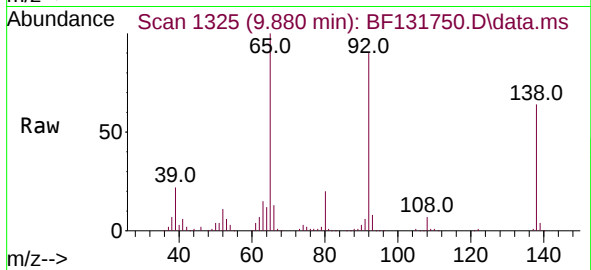
Tgt Ion:138 Resp: 82889

Ion Ratio Lower Upper

138 100

108 10.7 9.2 13.8

92 138.9 114.6 171.8



#54

2,4-Dinitrophenol

Concen: 96.759 ng

RT: 9.992 min Scan# 1344

Delta R.T. 0.006 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

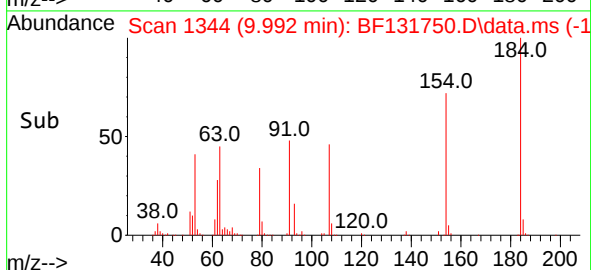
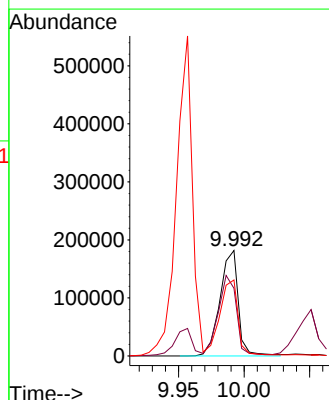
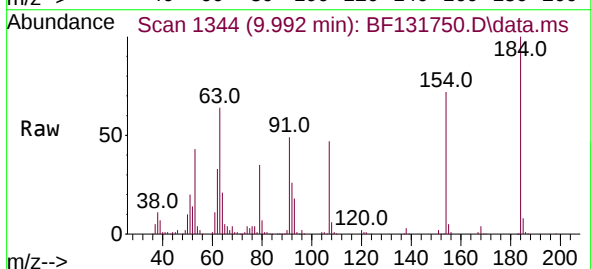
Tgt Ion:184 Resp: 176888

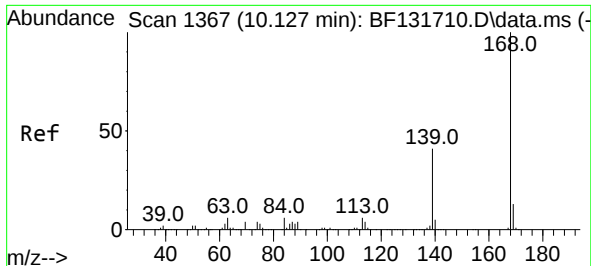
Ion Ratio Lower Upper

184 100

63 64.2 55.8 83.8

154 72.1 57.1 85.7

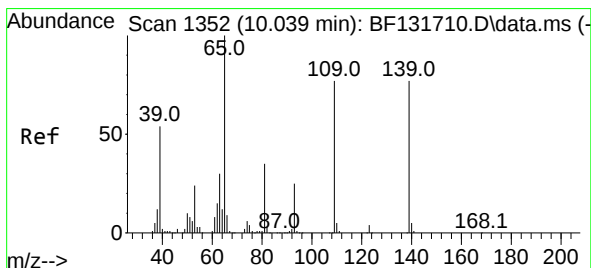
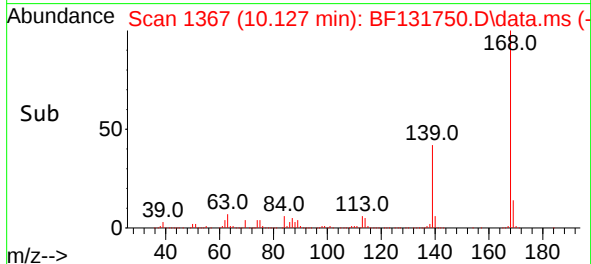
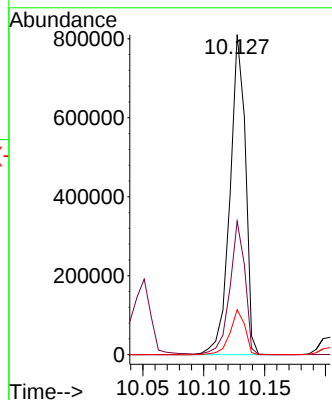
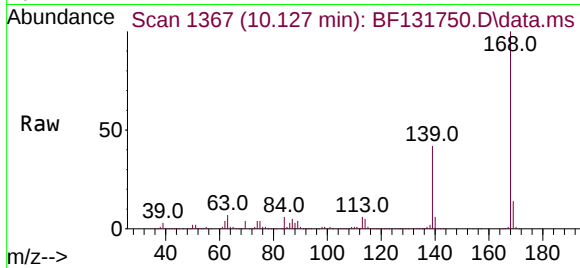




#55
Dibenzofuran
Concen: 43.863 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

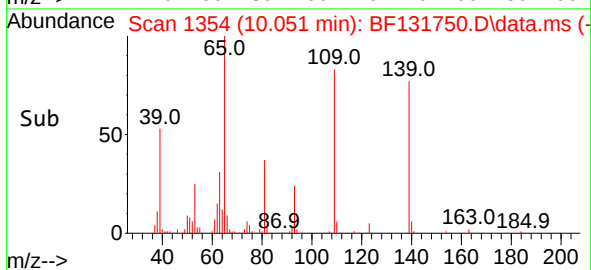
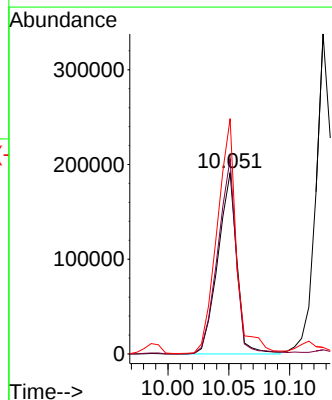
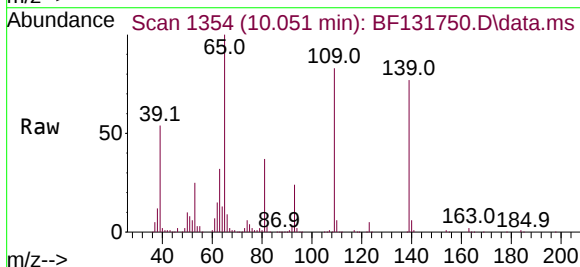
Instrument :
BNA_F
ClientSampleId :
PB149706BS

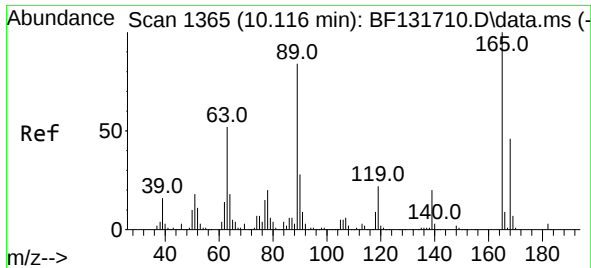
Tgt Ion:168 Resp: 717801
Ion Ratio Lower Upper
168 100
139 41.7 32.7 49.1
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 92.658 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:139 Resp: 207033
Ion Ratio Lower Upper
139 100
109 107.8 79.9 119.9
65 130.0 110.2 150.2

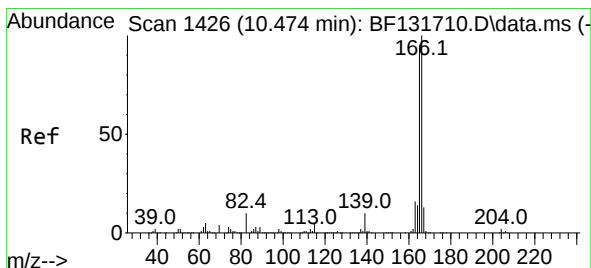
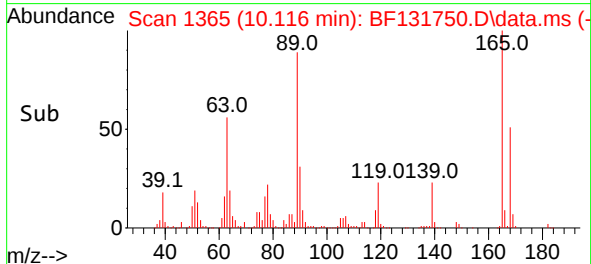
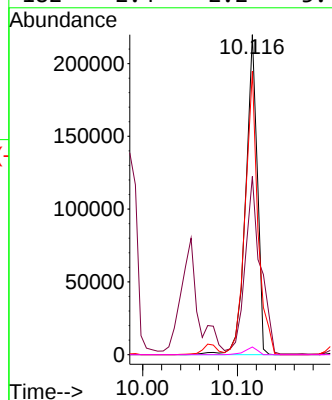
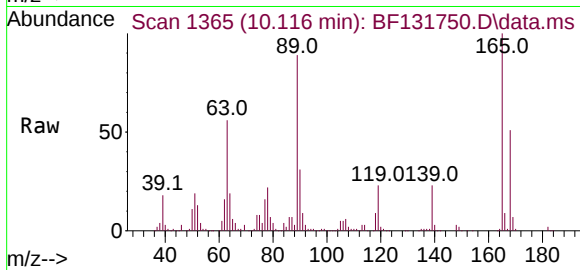




#57
2,4-Dinitrotoluene
Concen: 45.795 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

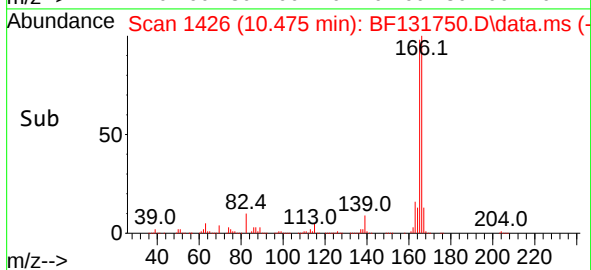
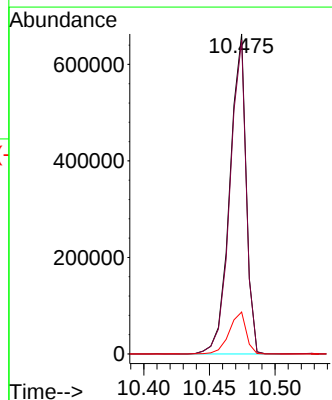
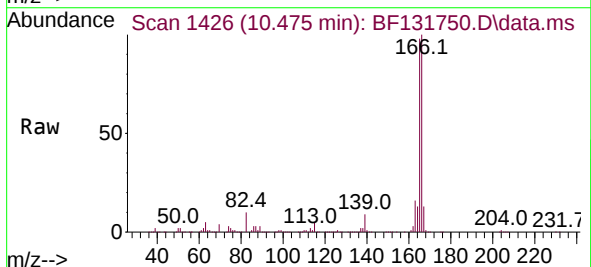
Instrument :
BNA_F
ClientSampleId :
PB149706BS

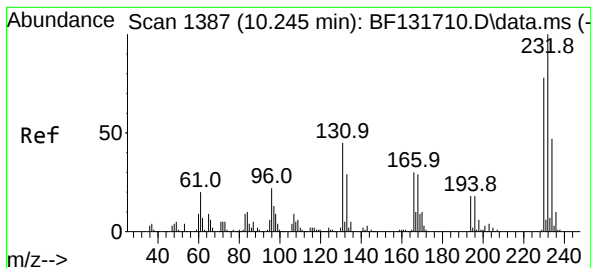
Tgt Ion:165 Resp: 187749
Ion Ratio Lower Upper
165 100
63 55.7 41.5 62.3
89 88.5 67.0 100.4
182 2.4 2.2 3.4



#58
Fluorene
Concen: 43.407 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

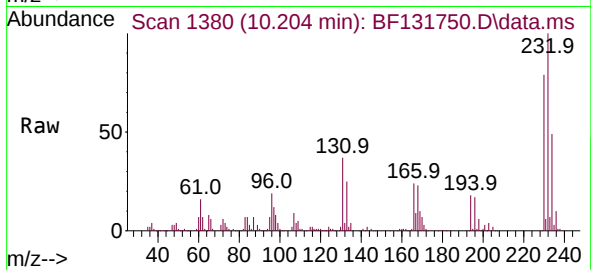
Tgt Ion:166 Resp: 574314
Ion Ratio Lower Upper
166 100
165 98.2 75.8 113.8
167 13.1 10.6 15.8



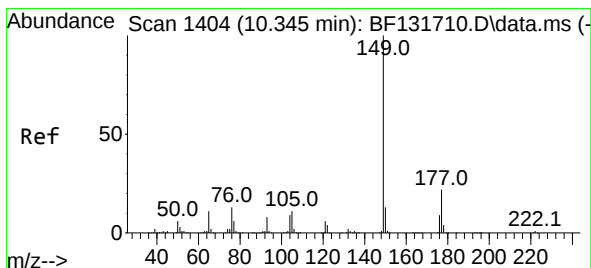
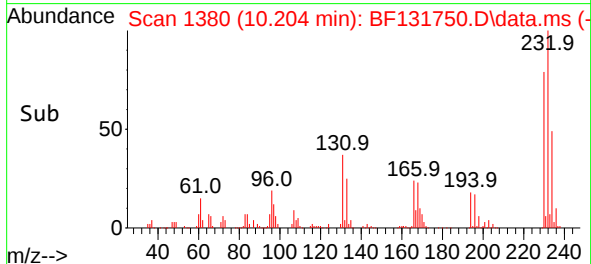
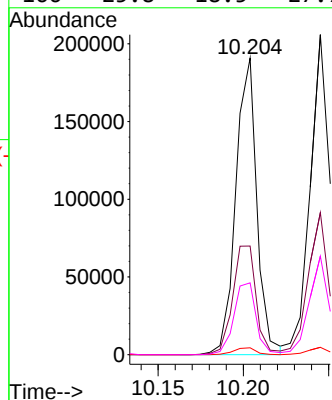


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.120 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Instrument :
BNA_F
ClientSampleId :
PB149706BS

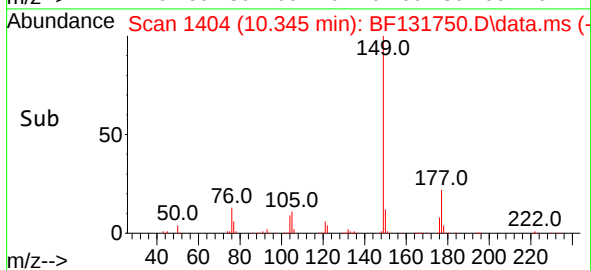
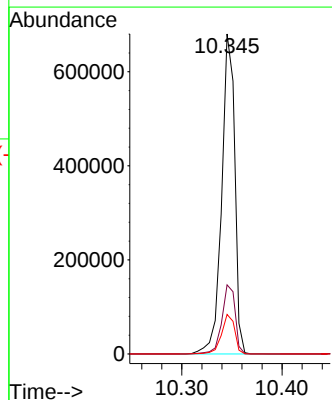
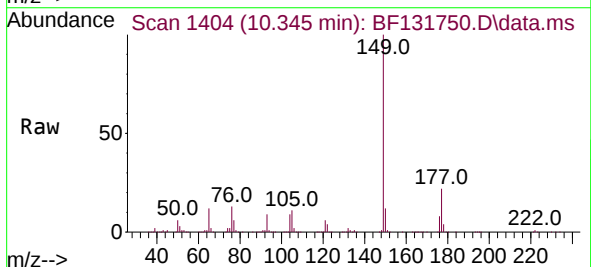


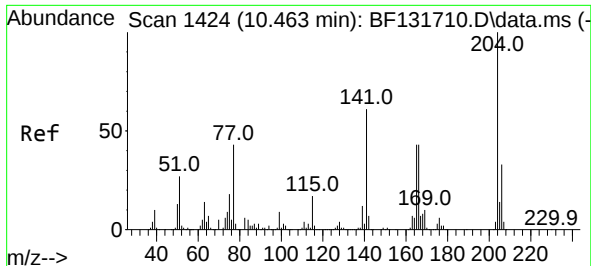
Tgt Ion:232 Resp: 164240
Ion Ratio Lower Upper
232 100
131 41.0 29.9 44.9
130 2.5 1.7 2.5
166 25.8 18.5 27.7



#60
Diethylphthalate
Concen: 44.962 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:149 Resp: 614724
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.0
150 12.4 10.2 15.2

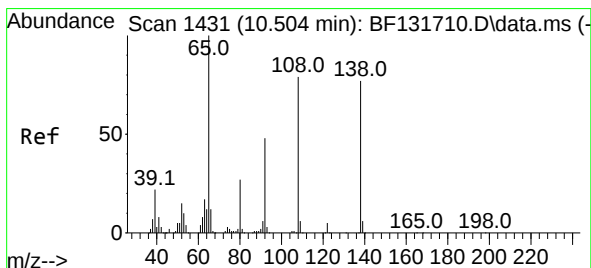
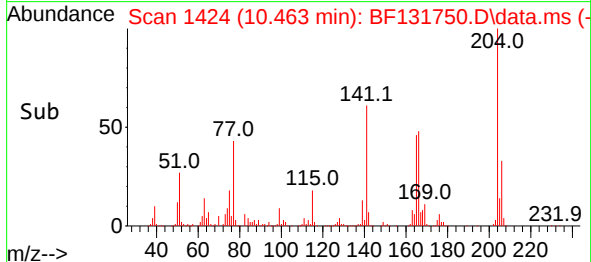
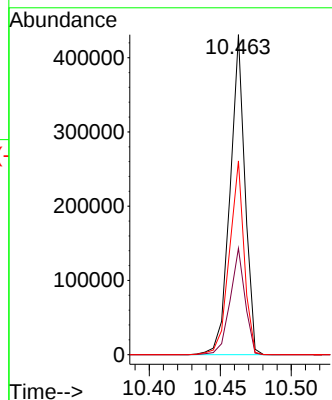
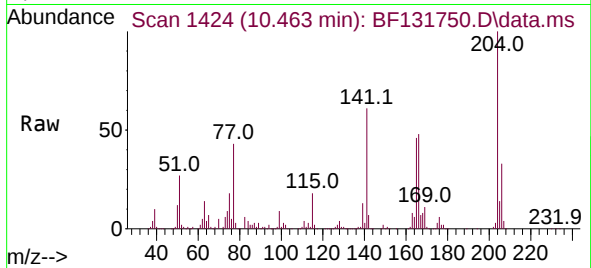




#61
4-Chlorophenyl-phenylether
Concen: 44.643 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

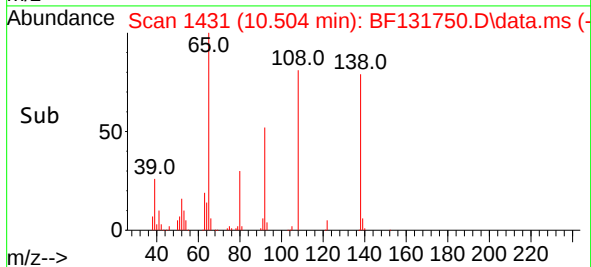
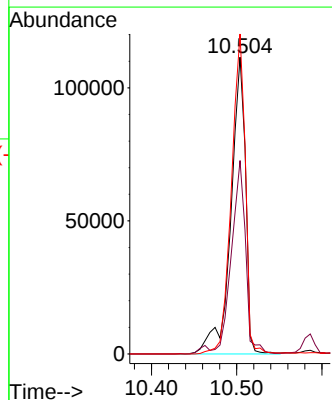
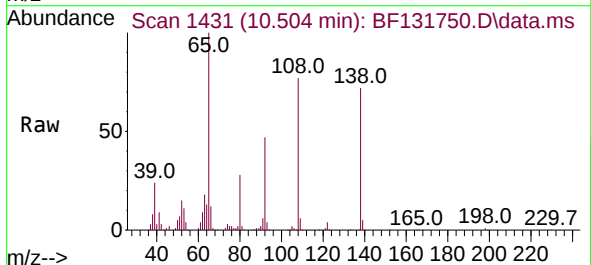
Instrument :
BNA_F
ClientSampleId :
PB149706BS

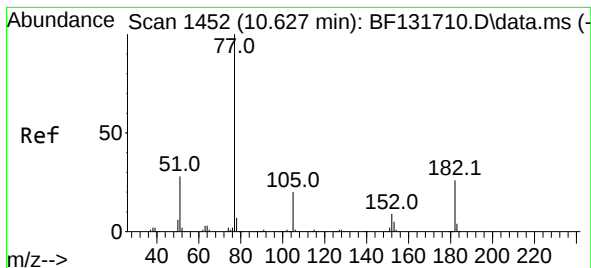
Tgt Ion:204 Resp: 313938
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 60.6 48.6 72.8



#62
4-Nitroaniline
Concen: 42.612 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:138 Resp: 133884
Ion Ratio Lower Upper
138 100
92 65.2 42.1 82.1
108 107.8 83.1 123.1





#63

Azobenzene

Concen: 44.481 ng

RT: 10.622 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

Tgt Ion: 77 Resp: 667839

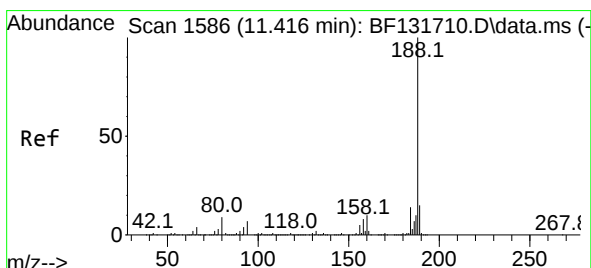
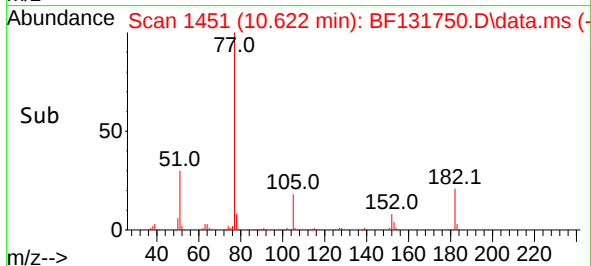
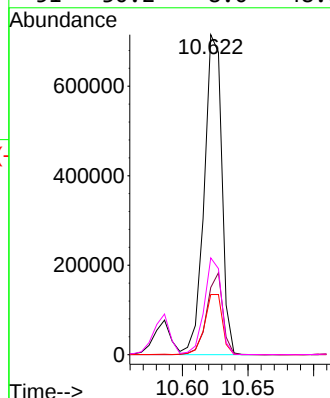
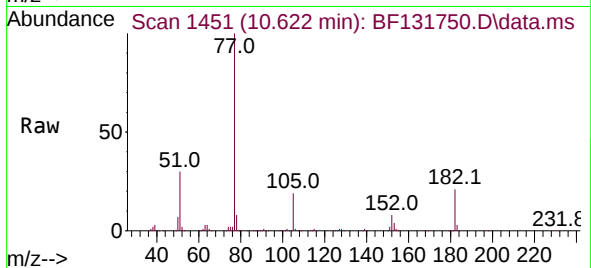
Ion Ratio Lower Upper

77 100

182 21.0 5.8 45.8

105 18.8 0.0 39.7

51 30.2 8.0 48.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

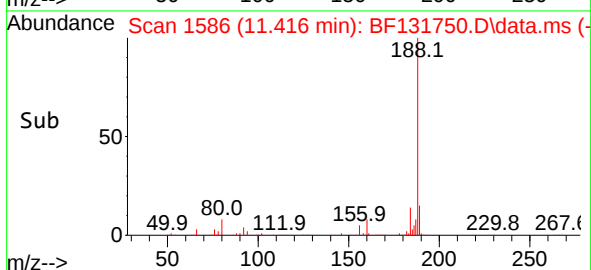
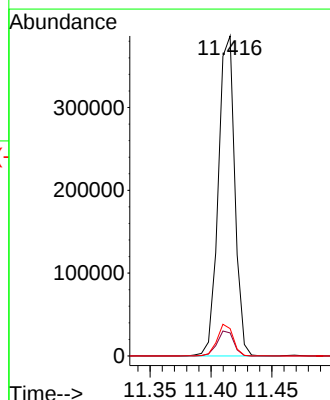
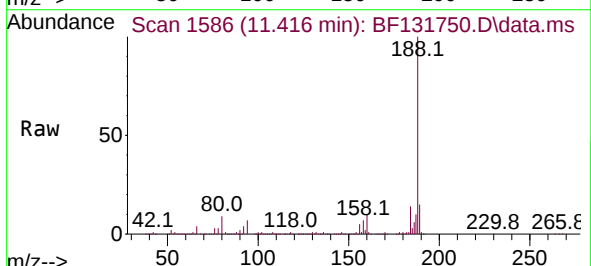
Tgt Ion:188 Resp: 364425

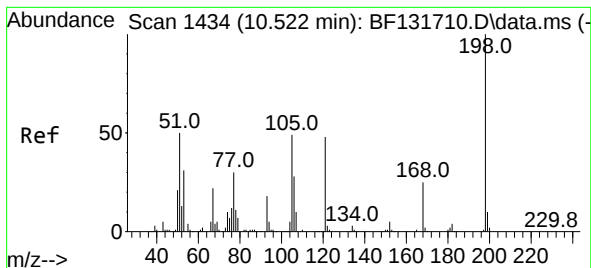
Ion Ratio Lower Upper

188 100

94 7.2 5.9 8.9

80 8.6 7.0 10.6

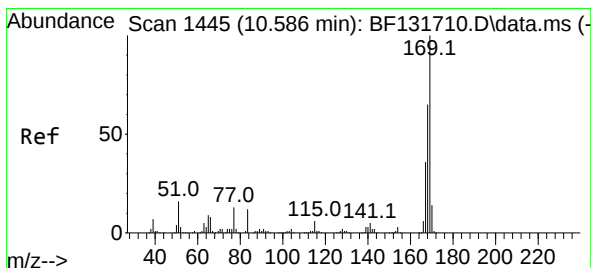
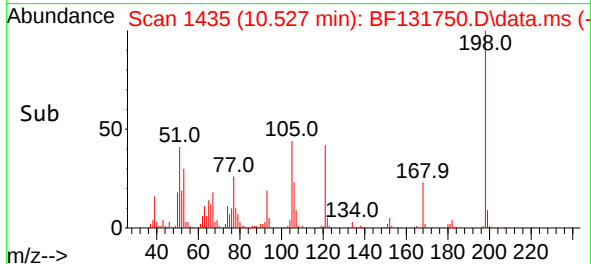
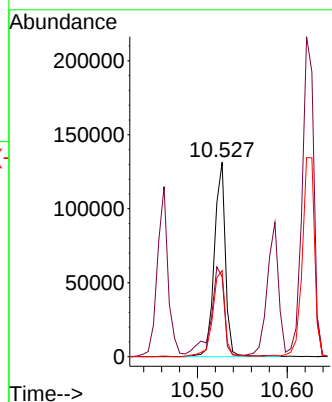
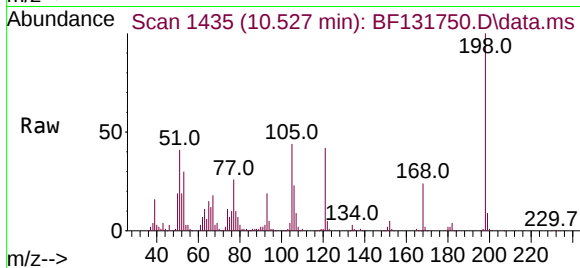




#65
4,6-Dinitro-2-methylphenol
Concen: 44.958 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

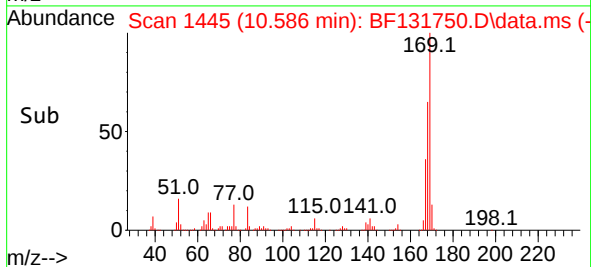
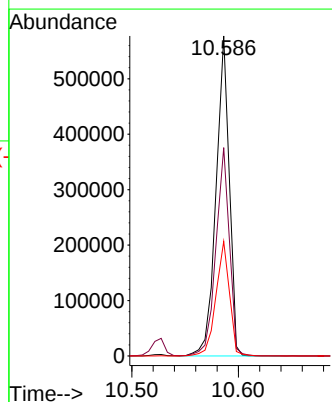
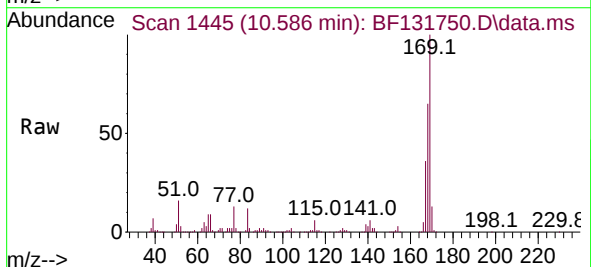
Instrument :
BNA_F
ClientSampleId :
PB149706BS

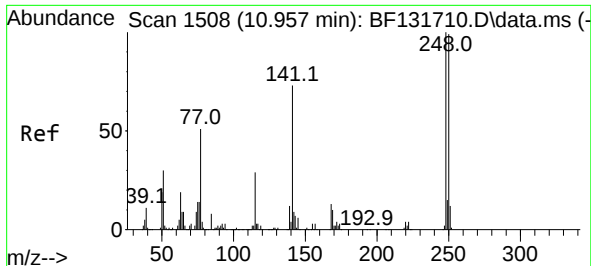
Tgt Ion:198 Resp: 112484
Ion Ratio Lower Upper
198 100
51 41.2 34.1 74.1
105 44.3 29.7 69.7



#66
n-Nitrosodiphenylamine
Concen: 44.225 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:169 Resp: 499799
Ion Ratio Lower Upper
169 100
168 65.1 52.4 78.6
167 35.8 28.6 42.8

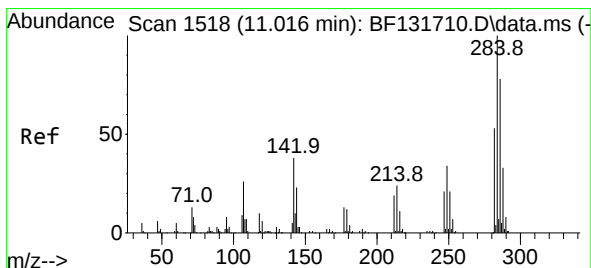
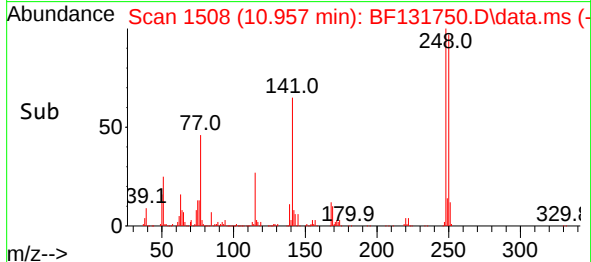
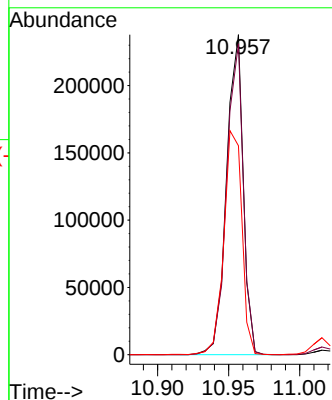
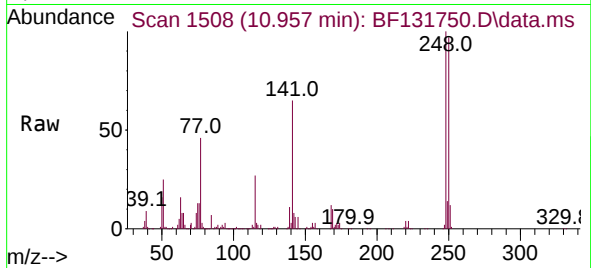




#67
4-Bromophenyl-phenylether
Concen: 44.909 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

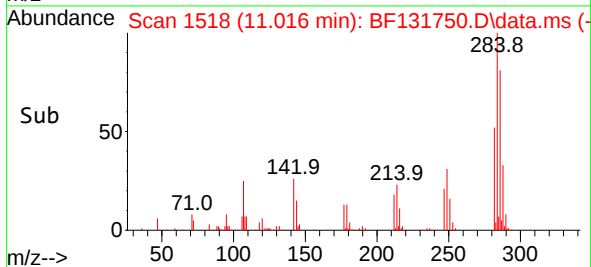
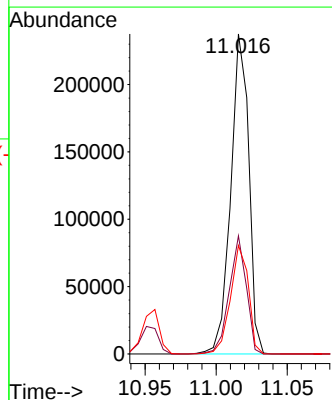
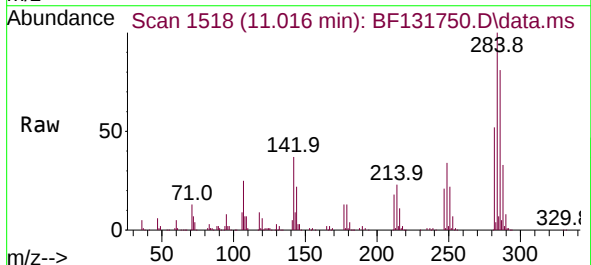
Instrument :
BNA_F
ClientSampleId :
PB149706BS

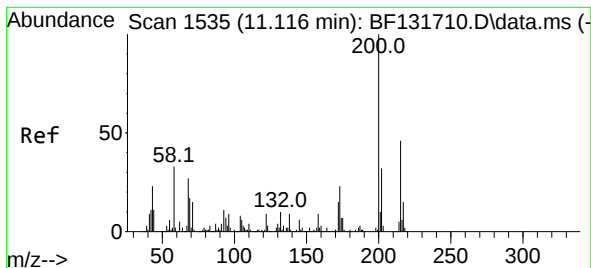
Tgt Ion:248 Resp: 193292
Ion Ratio Lower Upper
248 100
250 97.1 79.4 119.0
141 65.3 58.1 87.1



#68
Hexachlorobenzene
Concen: 44.176 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:284 Resp: 209117
Ion Ratio Lower Upper
284 100
142 36.9 30.2 45.4
249 33.9 27.2 40.8





#69

Atrazine

Concen: 51.974 ng

RT: 11.116 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

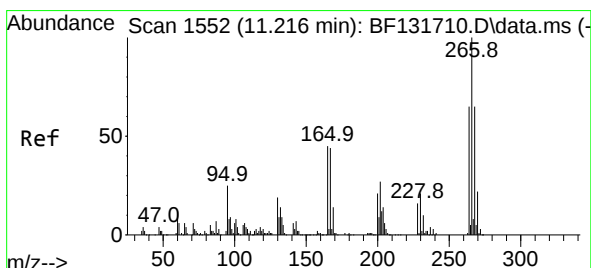
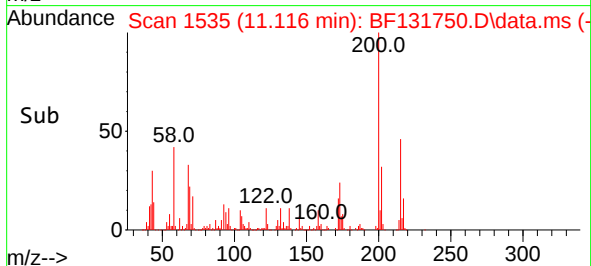
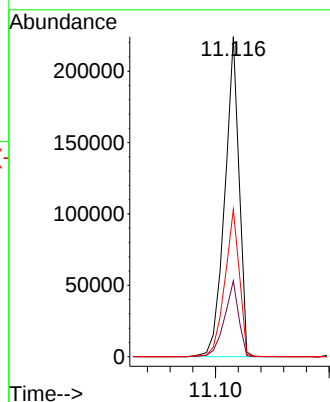
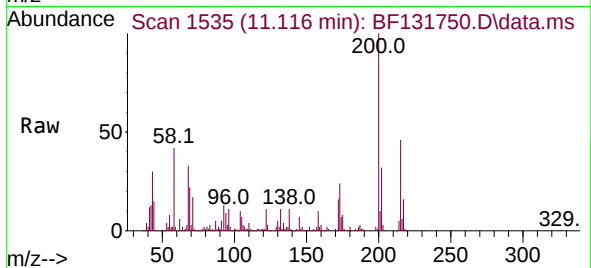
Tgt Ion:200 Resp: 195795

Ion Ratio Lower Upper

200 100

173 23.7 2.7 42.7

215 46.0 26.4 66.4



#70

Pentachlorophenol

Concen: 96.828 ng

RT: 11.216 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

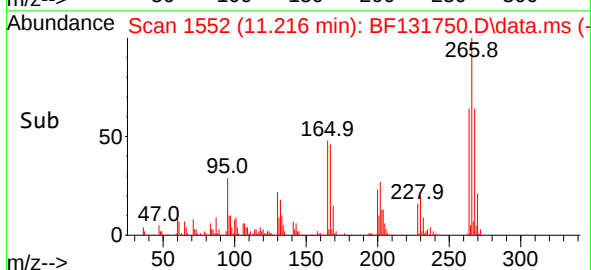
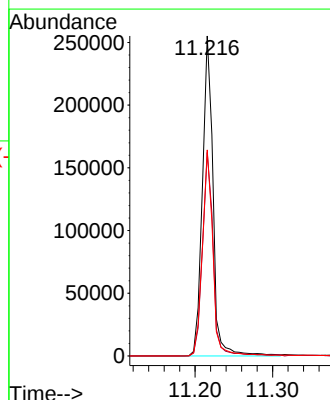
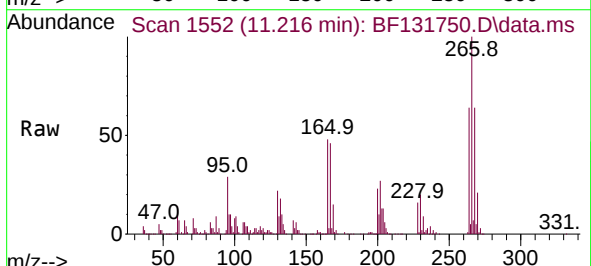
Tgt Ion:266 Resp: 243275

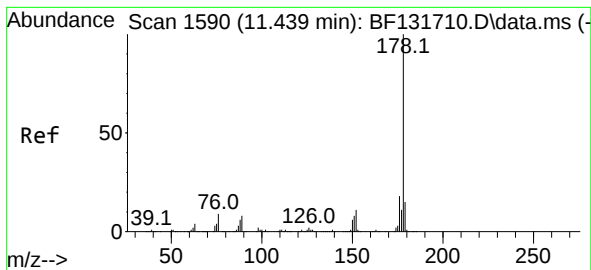
Ion Ratio Lower Upper

266 100

268 63.6 52.2 78.4

264 64.4 52.0 78.0





#71

Phenanthrene

Concen: 43.295 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

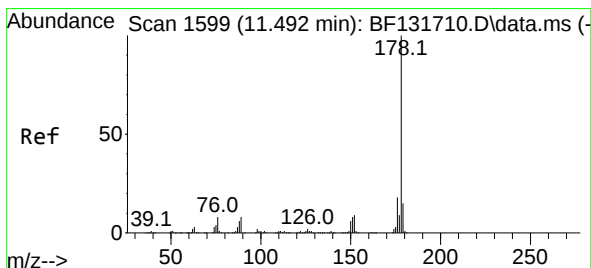
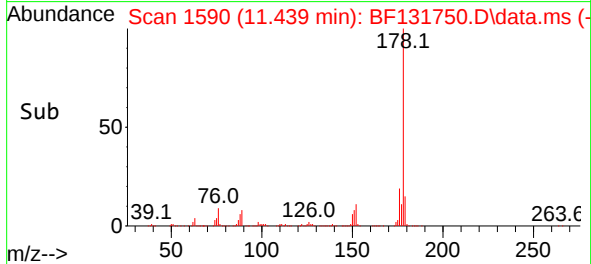
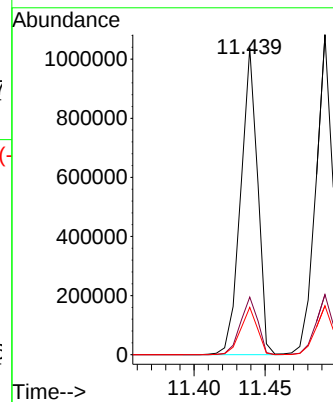
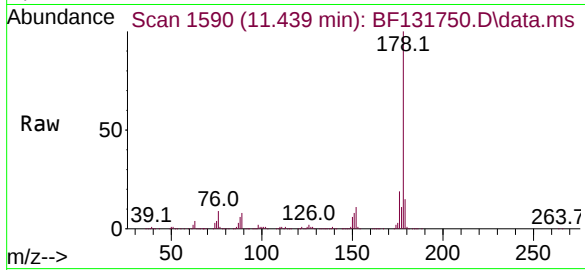
Tgt Ion:178 Resp: 860333

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

179 15.4 12.2 18.4



#72

Anthracene

Concen: 45.610 ng

RT: 11.492 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

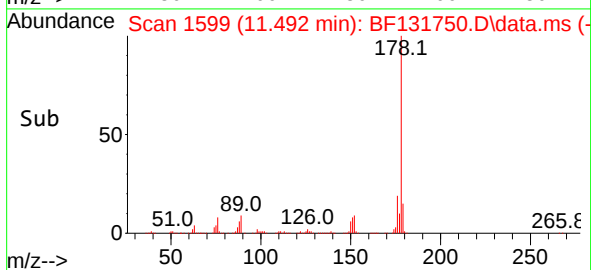
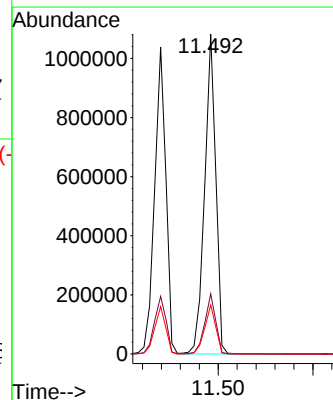
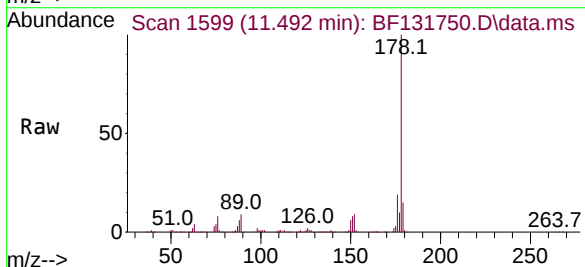
Tgt Ion:178 Resp: 887438

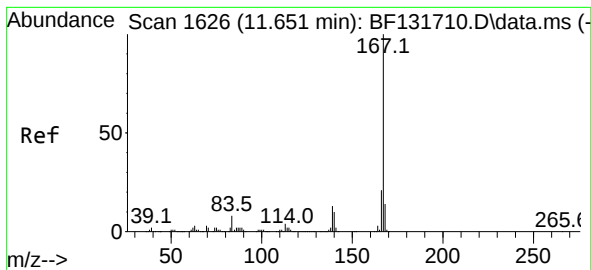
Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

179 15.3 12.2 18.4

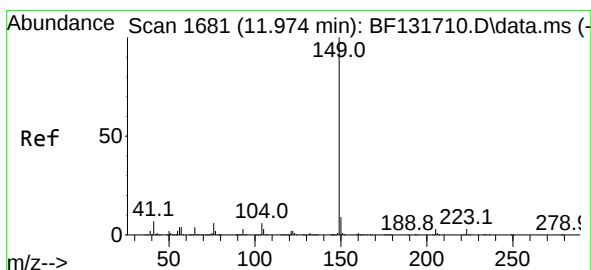
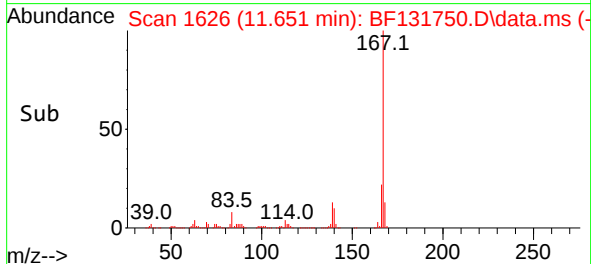
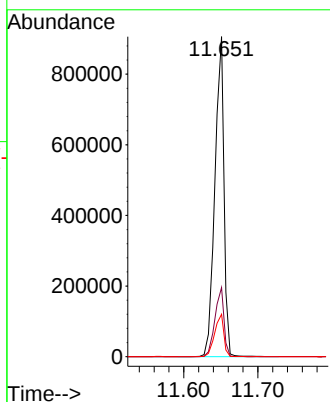
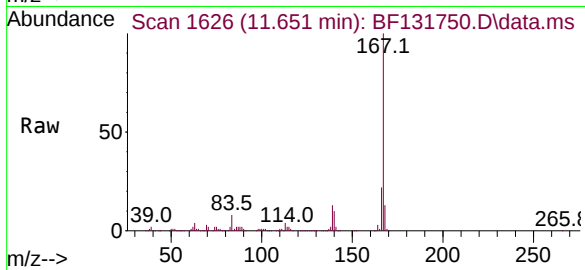




#73
 Carbazole
 Concen: 45.646 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: BF131750.D
 Acq: 21 Dec 2022 17:48

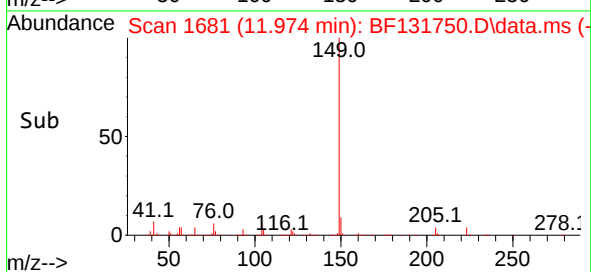
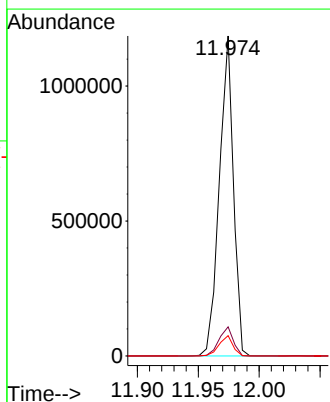
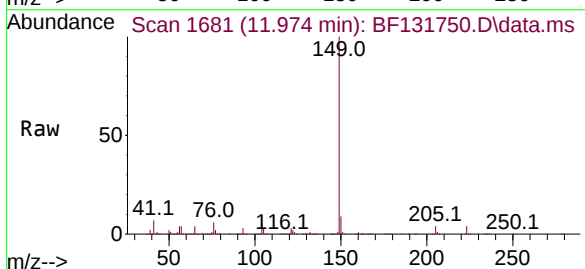
Instrument :
 BNA_F
 ClientSampleId :
 PB149706BS

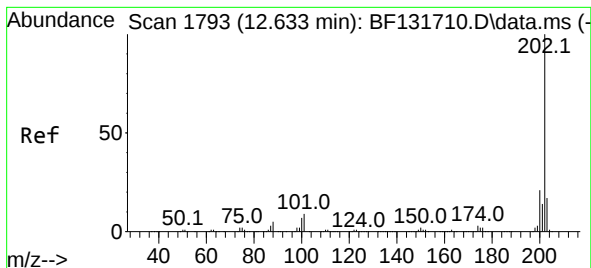
Tgt Ion:167 Resp: 768383
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 13.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 45.649 ng
 RT: 11.974 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BF131750.D
 Acq: 21 Dec 2022 17:48

Tgt Ion:149 Resp: 956848
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 6.3 5.0 7.4





#75

Fluoranthene

Concen: 45.095 ng

RT: 12.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

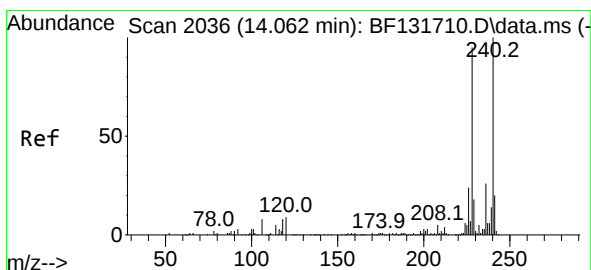
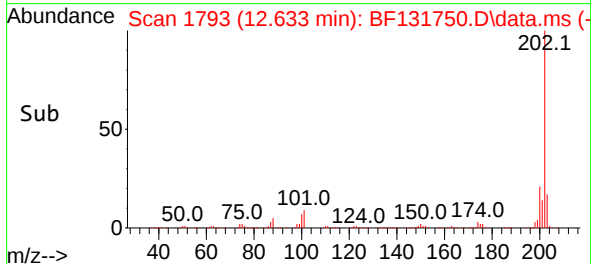
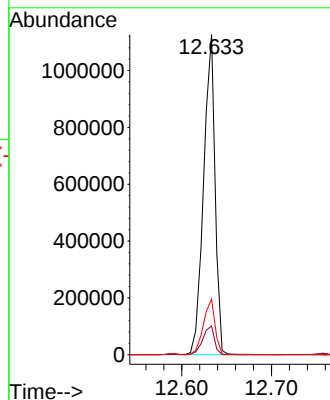
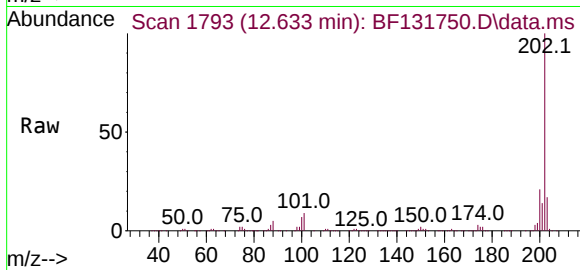
Tgt Ion:202 Resp: 997995

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.8

203 17.4 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2037

Delta R.T. 0.006 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

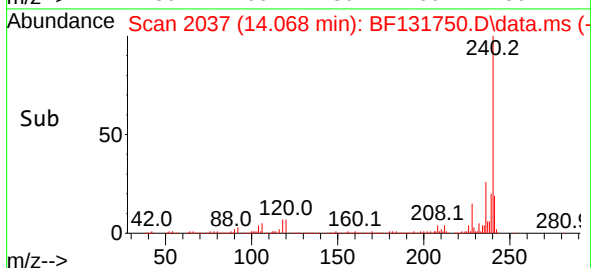
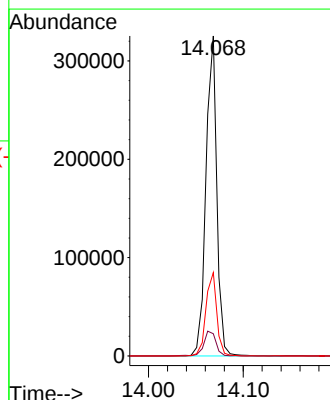
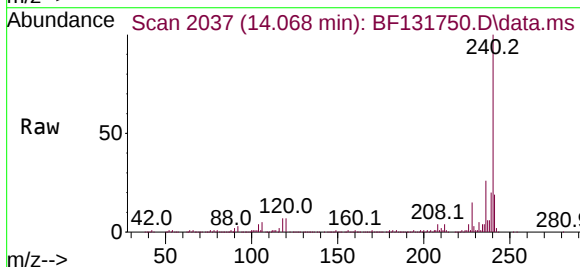
Tgt Ion:240 Resp: 259086

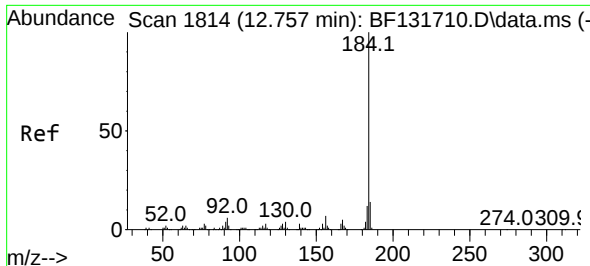
Ion Ratio Lower Upper

240 100

120 6.9 7.6 11.4#

236 26.0 21.2 31.8

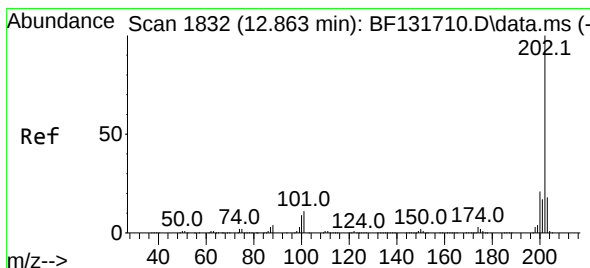
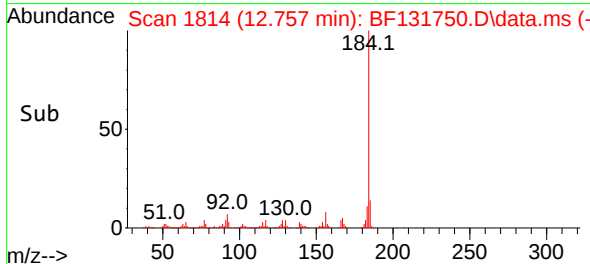
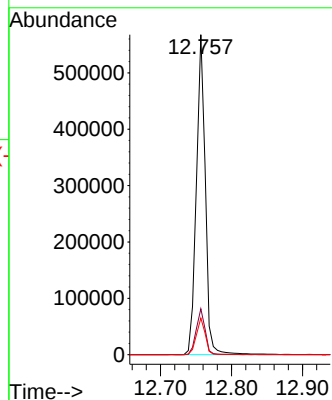
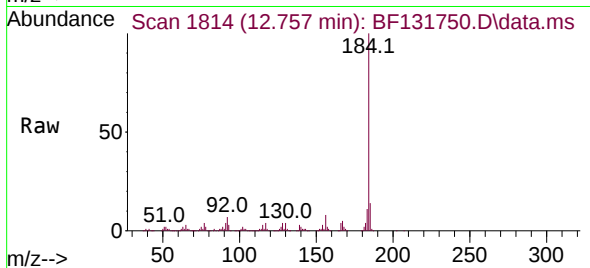




#77
Benzidine
Concen: 105.338 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

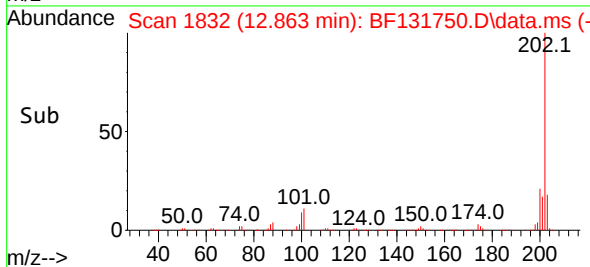
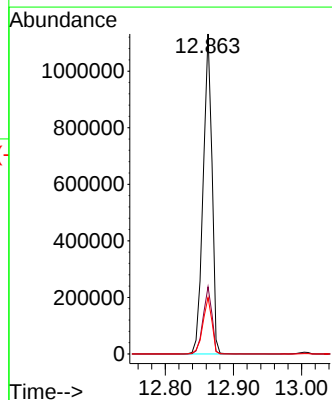
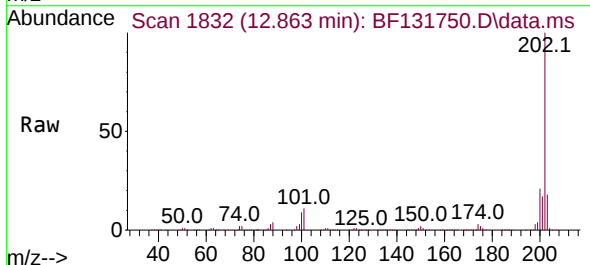
Instrument :
BNA_F
ClientSampleId :
PB149706BS

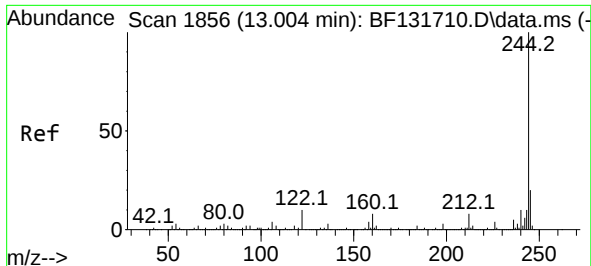
Tgt Ion:184 Resp: 500438
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 11.5 9.3 13.9



#78
Pyrene
Concen: 43.342 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

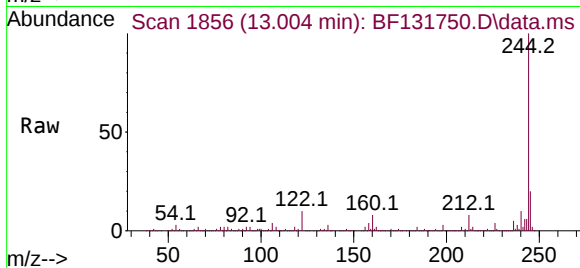
Tgt Ion:202 Resp: 1020949
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.6 14.1 21.1





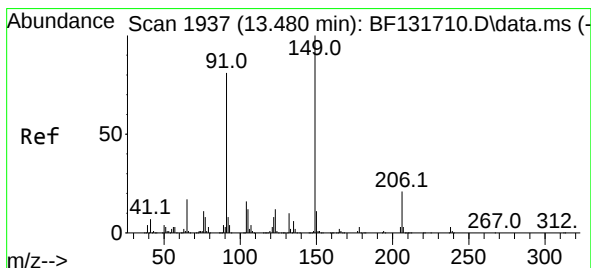
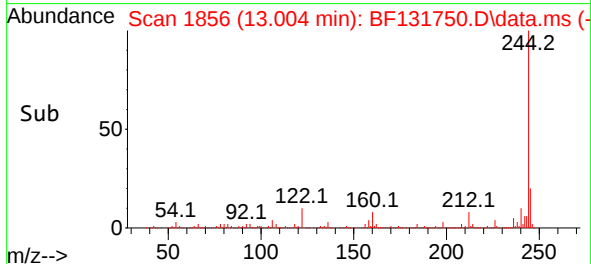
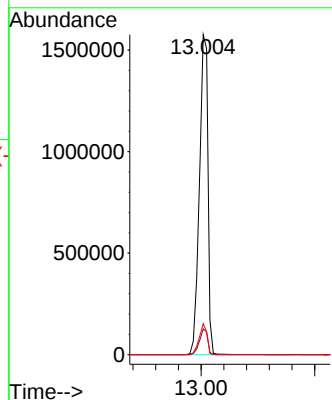
#79
 Terphenyl-d14
 Concen: 99.248 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131750.D
 Acq: 21 Dec 2022 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB149706BS



Tgt Ion:244 Resp: 1649881

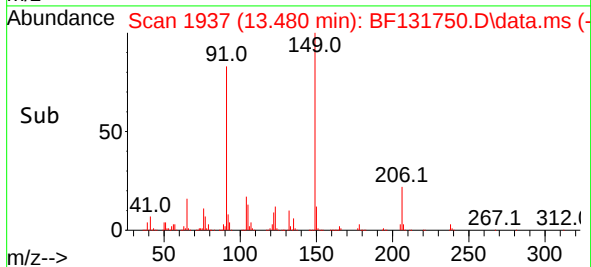
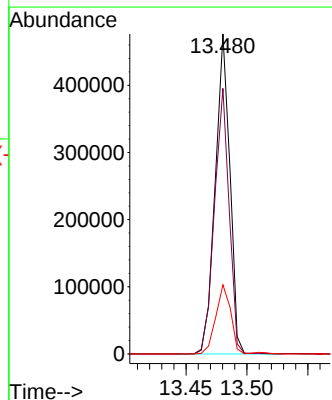
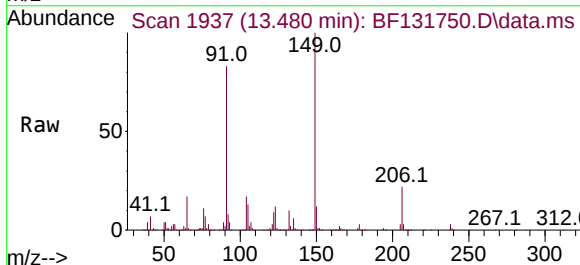
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	9.7	7.7	11.5

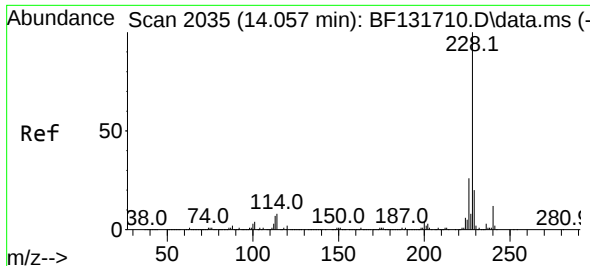


#80
 Butylbenzylphthalate
 Concen: 47.773 ng
 RT: 13.480 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: BF131750.D
 Acq: 21 Dec 2022 17:48

Tgt Ion:149 Resp: 396900

Ion	Ratio	Lower	Upper
149	100		
91	83.0	64.9	97.3
206	21.6	17.0	25.4

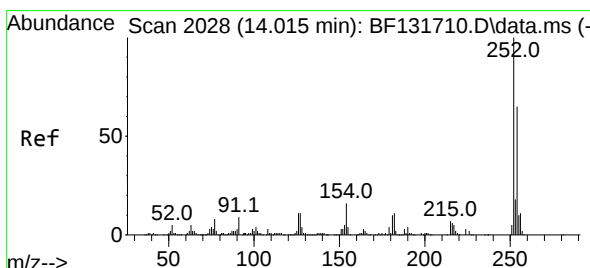
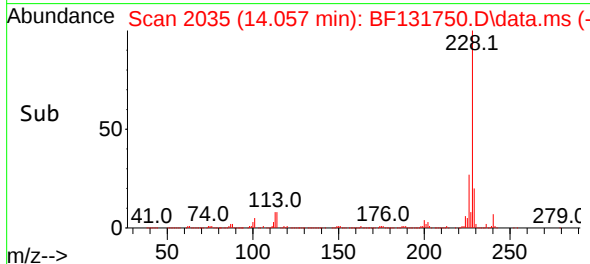
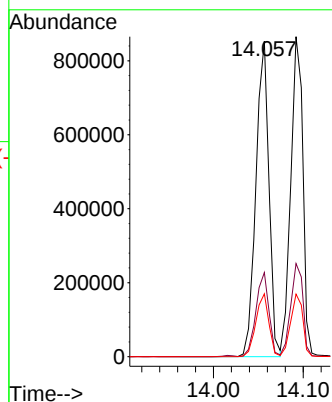
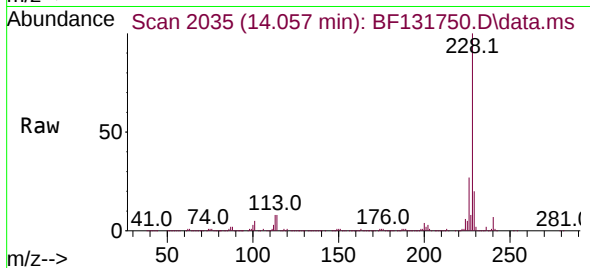




#81
Benzo(a)anthracene
Concen: 46.127 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

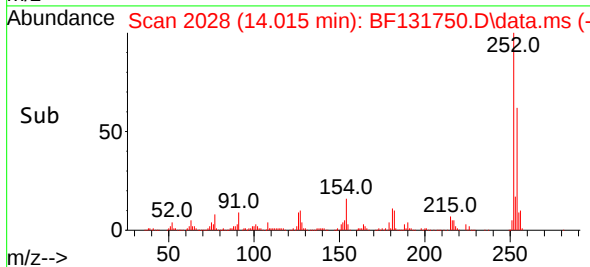
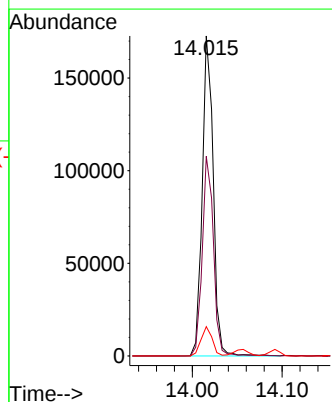
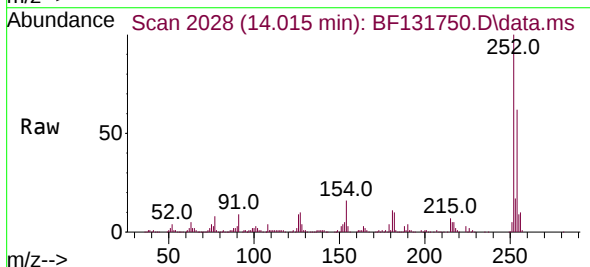
Instrument :
BNA_F
ClientSampleId :
PB149706BS

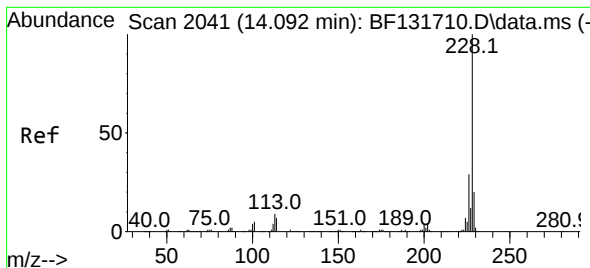
Tgt Ion:228 Resp: 860712
Ion Ratio Lower Upper
228 100
226 26.7 21.0 31.4
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 28.167 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:252 Resp: 146739
Ion Ratio Lower Upper
252 100
254 62.4 52.1 78.1
126 9.1 8.4 12.6





#83

Chrysene

Concen: 46.132 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

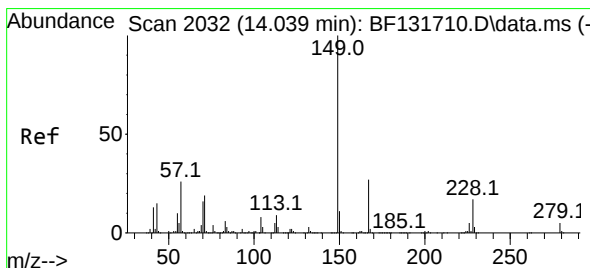
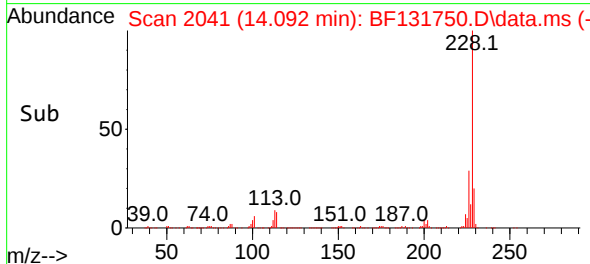
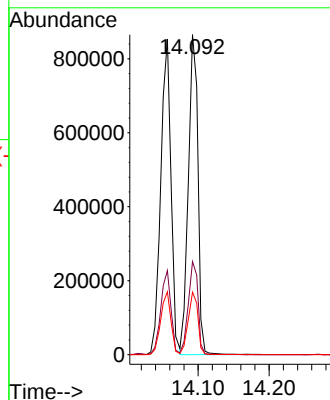
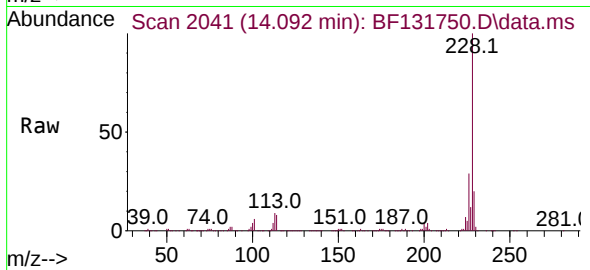
Tgt Ion:228 Resp: 812462

Ion Ratio Lower Upper

228 100

226 29.1 23.5 35.3

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.456 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

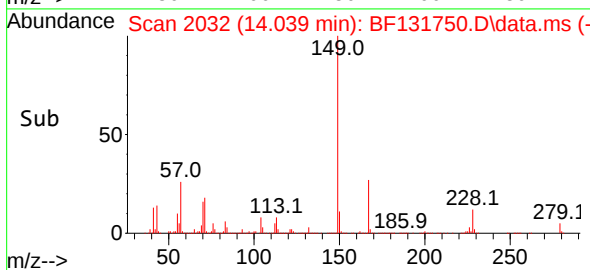
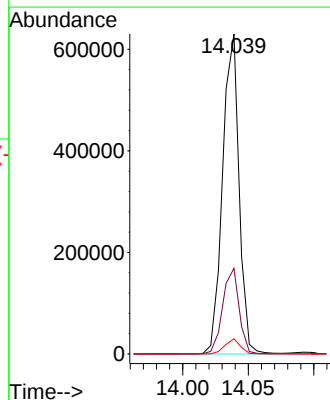
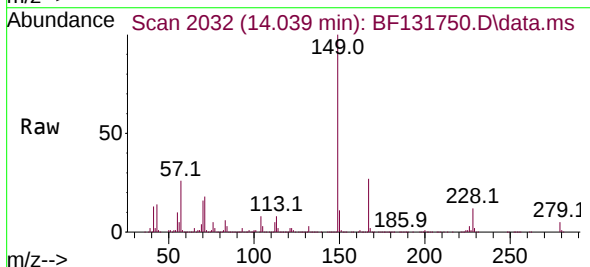
Tgt Ion:149 Resp: 549387

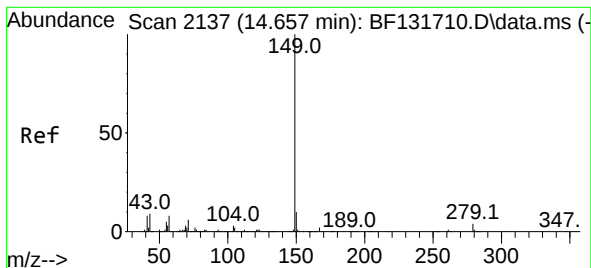
Ion Ratio Lower Upper

149 100

167 26.8 21.7 32.5

279 4.8 3.8 5.6

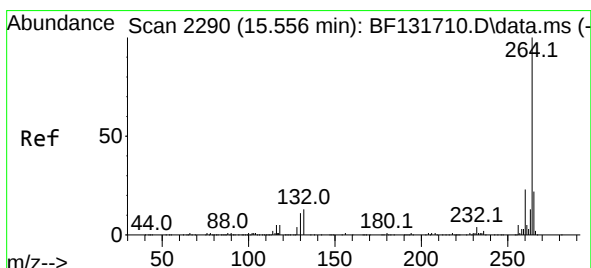
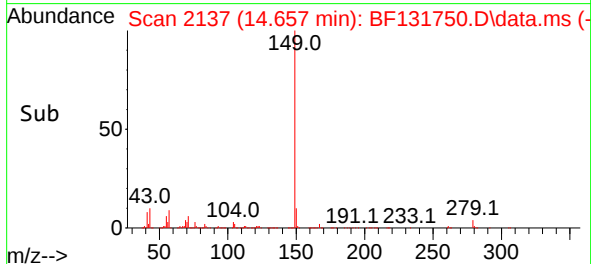
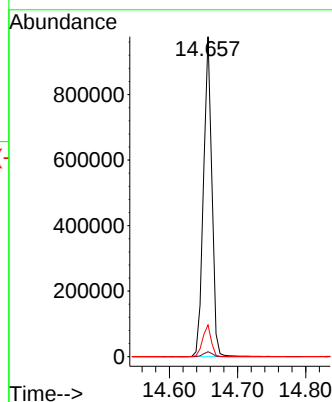
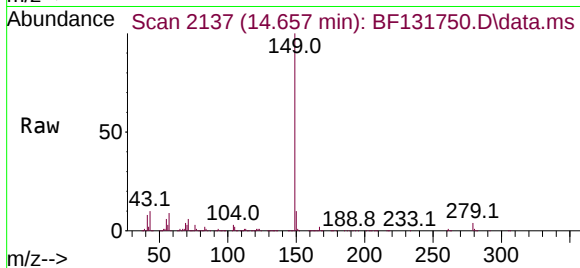




#85
Di-n-octyl phthalate
Concen: 60.408 ng
RT: 14.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

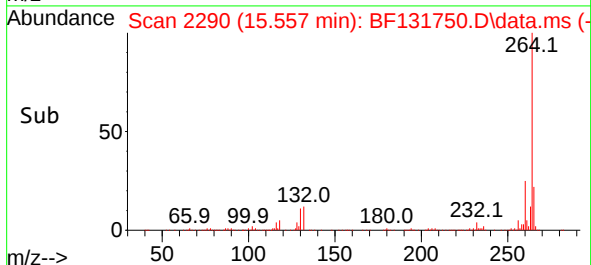
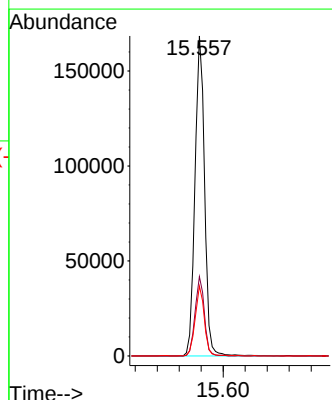
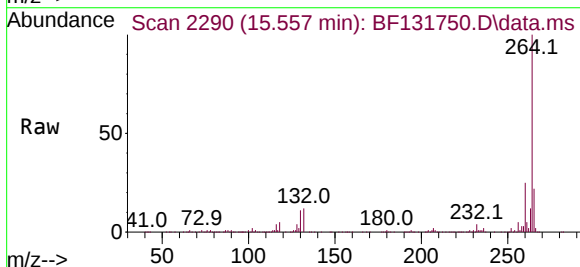
Instrument :
BNA_F
ClientSampleId :
PB149706BS

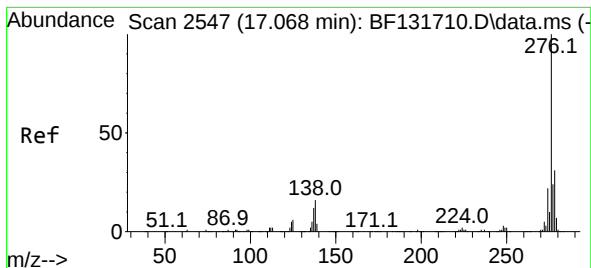
Tgt Ion:149 Resp: 835385
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.0 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:264 Resp: 204060
Ion Ratio Lower Upper
264 100
260 24.8 18.6 28.0
265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.860 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

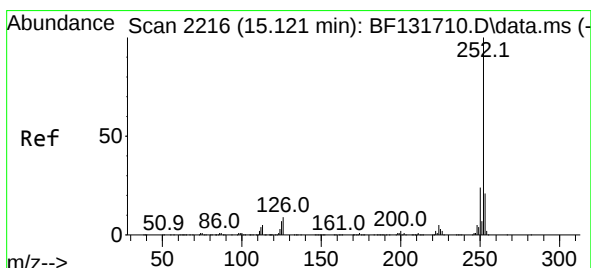
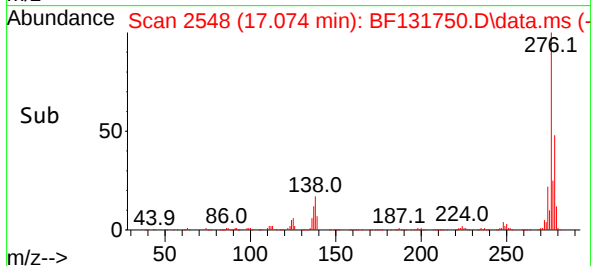
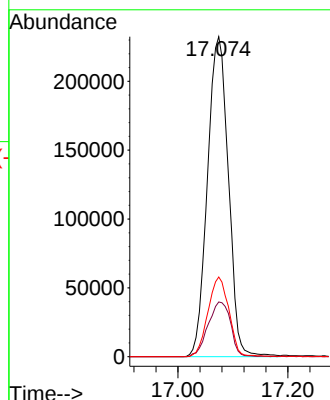
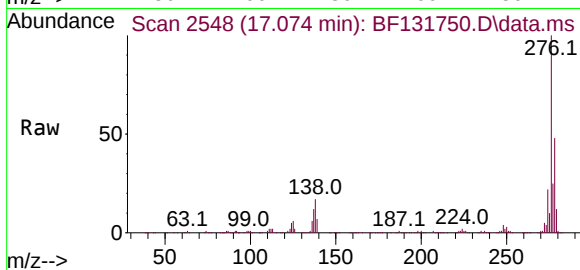
Tgt Ion:276 Resp: 614863

Ion Ratio Lower Upper

276 100

138 18.3 14.4 21.6

277 25.1 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 46.010 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

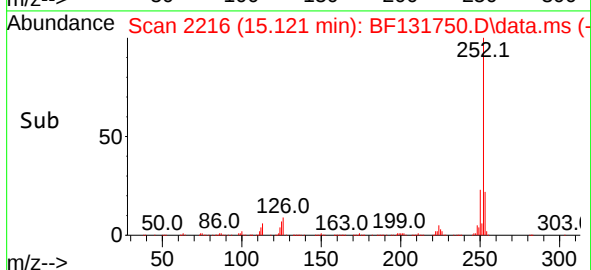
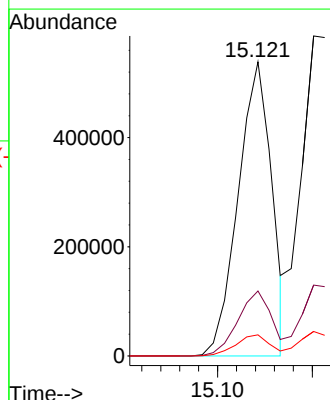
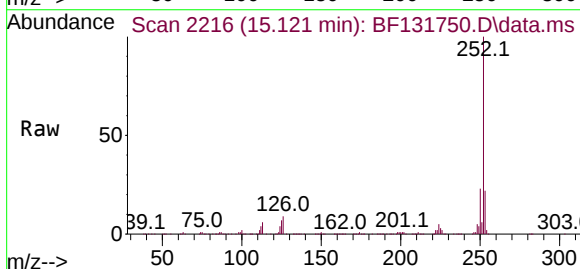
Tgt Ion:252 Resp: 664241

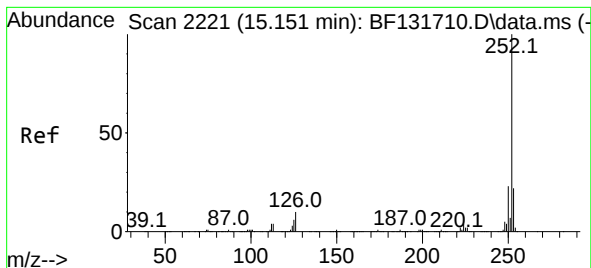
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 7.2 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 47.937 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

Instrument :

BNA_F

ClientSampleId :

PB149706BS

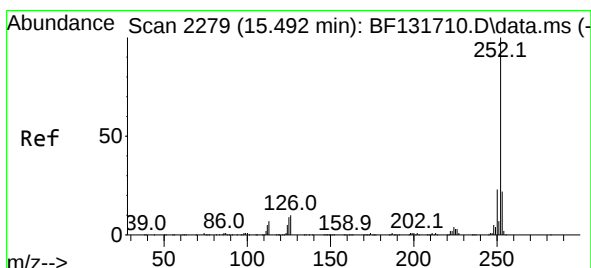
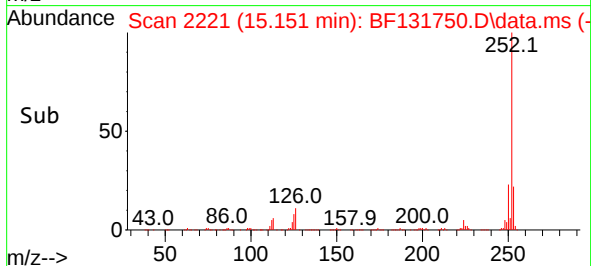
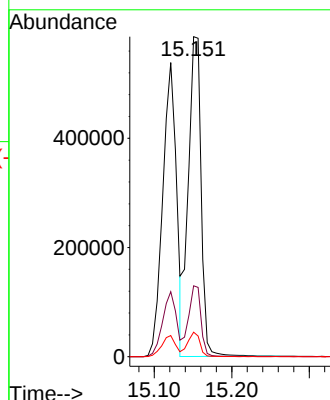
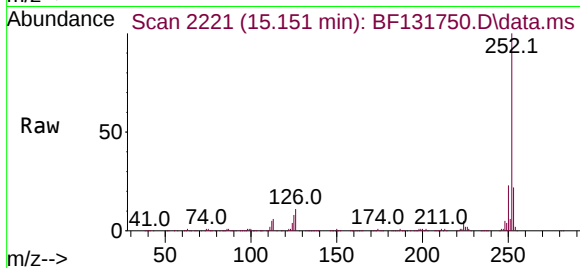
Tgt Ion:252 Resp: 675314

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 7.6 5.2 7.8



#90

Benzo(a)pyrene

Concen: 48.034 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF131750.D

Acq: 21 Dec 2022 17:48

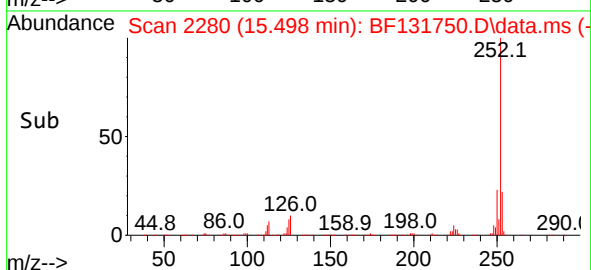
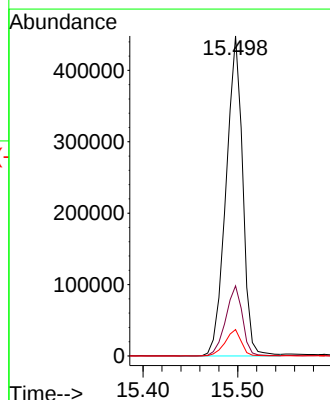
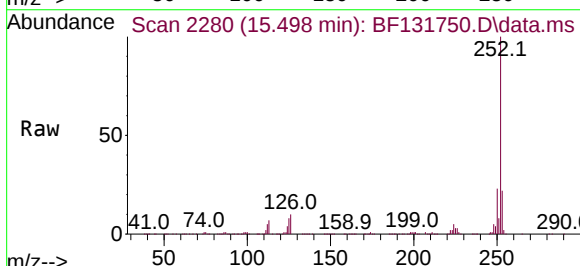
Tgt Ion:252 Resp: 549304

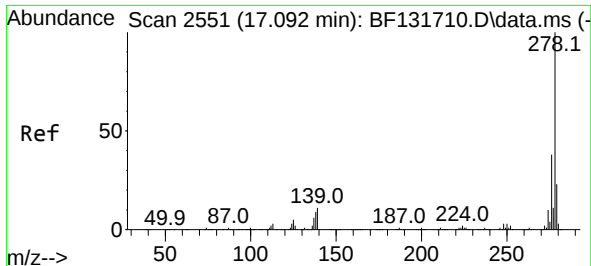
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.2 7.0 10.4

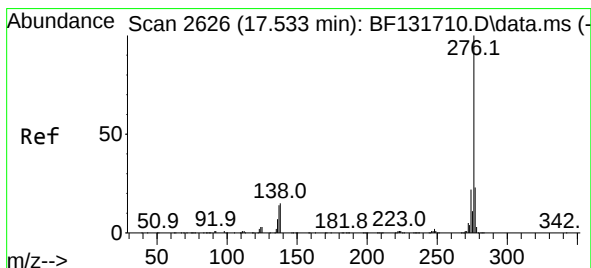
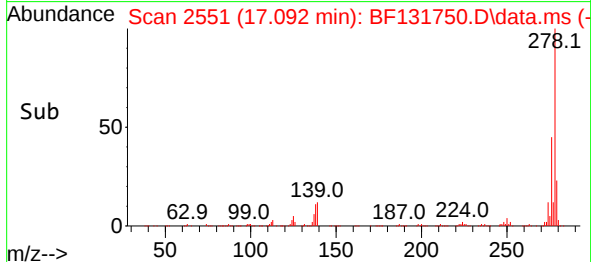
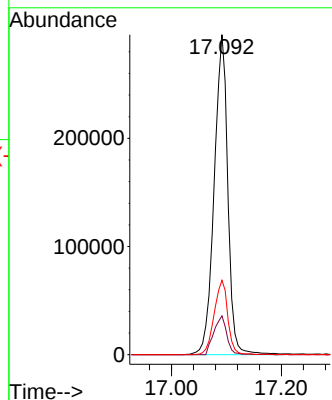
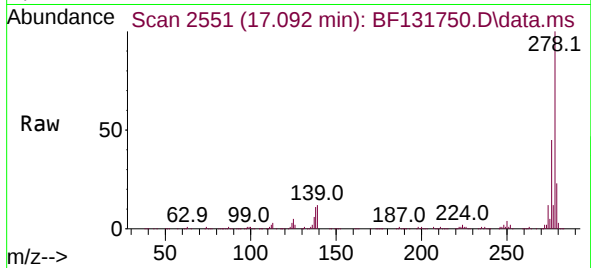




#91
Dibenzo(a,h)anthracene
Concen: 45.071 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Instrument :
BNA_F
ClientSampleId :
PB149706BS

Tgt Ion:278 Resp: 510521
Ion Ratio Lower Upper
278 100
139 12.1 8.7 13.1
279 23.2 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 45.175 ng
RT: 17.533 min Scan# 2626
Delta R.T. 0.000 min
Lab File: BF131750.D
Acq: 21 Dec 2022 17:48

Tgt Ion:276 Resp: 505758
Ion Ratio Lower Upper
276 100
277 25.2 18.3 27.5
138 16.4 12.3 18.5

