

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131746.D
 Acq On : 21 Dec 2022 15:03
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:20:31 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	83752	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	288161	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	170301	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	336023	20.000	ng	0.00
76) Chrysene-d12	14.062	240	203081	20.000	ng	0.00
86) Perylene-d12	15.556	264	174413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	400970	80.618	ng	0.00
7) Phenol-d6	6.498	99	526893	78.705	ng	0.00
23) Nitrobenzene-d5	7.439	82	570288	80.342	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	154700	82.993	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	999090	82.181	ng	0.00
79) Terphenyl-d14	13.004	244	1167310	89.584	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	95284	40.995	ng	99
3) Pyridine	3.340	79	271242	40.927	ng	100
4) n-Nitrosodimethylamine	3.310	42	122950	41.004	ng	# 93
6) Aniline	6.534	93	320808	38.817	ng	97
8) 2-Chlorophenol	6.651	128	209958	39.302	ng	98
9) Benzaldehyde	6.416	77	157407	40.284	ng	99
10) Phenol	6.510	94	316665	39.619	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	227122	39.709	ng	99
12) 1,3-Dichlorobenzene	6.804	146	237773	39.375	ng	99
13) 1,4-Dichlorobenzene	6.886	146	243974	39.525	ng	99
14) 1,2-Dichlorobenzene	7.039	146	226543	39.198	ng	99
15) Benzyl Alcohol	7.010	79	231019	38.636	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	285608	39.161	ng	99
17) 2-Methylphenol	7.122	107	195307	38.727	ng	98
18) Hexachloroethane	7.381	117	99315	40.588	ng	99
19) n-Nitroso-di-n-propyla...	7.286	70	183438	37.994	ng	99
20) 3+4-Methylphenols	7.281	107	251094	38.685	ng	90
22) Acetophenone	7.281	105	334827	39.816	ng	# 92
24) Nitrobenzene	7.457	77	290099	40.201	ng	97
25) Isophorone	7.692	82	484234	40.170	ng	98
26) 2-Nitrophenol	7.775	139	115244	40.864	ng	96
27) 2,4-Dimethylphenol	7.810	122	161413	40.185	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	259770	40.580	ng	100
29) 2,4-Dichlorophenol	8.016	162	198500	40.935	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	231573	40.623	ng	99
31) Naphthalene	8.180	128	632438	40.187	ng	100
32) Benzoic acid	7.939	122	118249	36.777	ng	97
33) 4-Chloroaniline	8.233	127	242503	39.512	ng	97
34) Hexachlorobutadiene	8.292	225	155523	40.550	ng	99
35) Caprolactam	8.616	113	58448	39.974	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	225423	40.695	ng	96
37) 2-Methylnaphthalene	8.875	142	431375	40.185	ng	100
38) 1-Methylnaphthalene	8.975	142	414856	39.902	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	240117	41.211	ng	99
41) Hexachlorocyclopentadiene	9.022	237	110534	41.873	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	157699	41.433	ng	99

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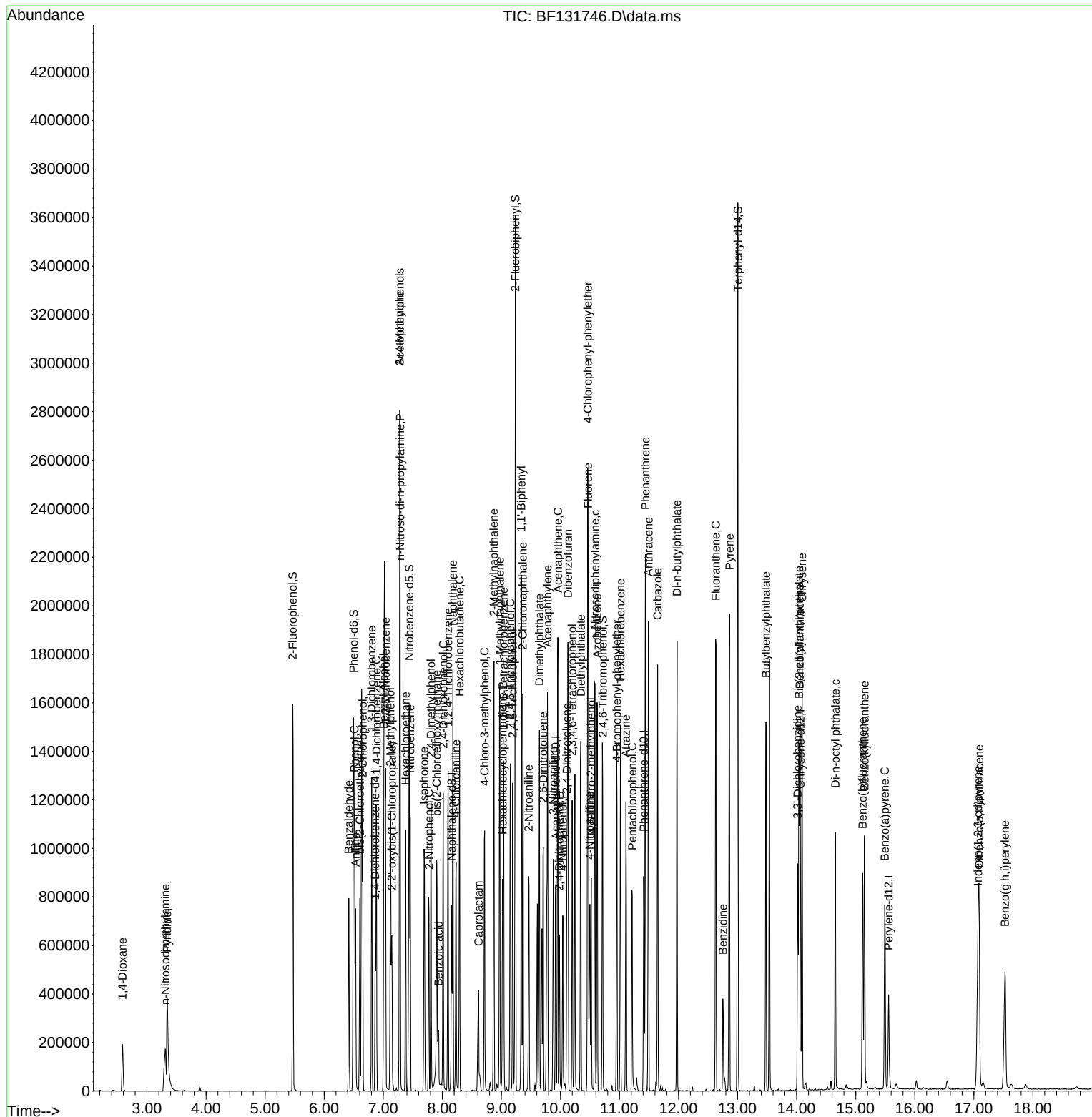
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
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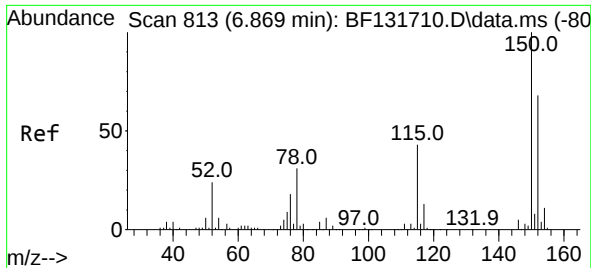
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	174560	42.365	ng	97
46) 1,1'-Biphenyl	9.339	154	523371	40.857	ng	99
47) 2-Chloronaphthalene	9.363	162	436027	41.568	ng	98
48) 2-Nitroaniline	9.463	65	158907	42.031	ng	91
49) Acenaphthylene	9.780	152	651725	41.424	ng	99
50) Dimethylphthalate	9.645	163	526345	41.075	ng	100
51) 2,6-Dinitrotoluene	9.710	165	117776	42.744	ng	92
52) Acenaphthene	9.957	154	399318	41.432	ng	98
53) 3-Nitroaniline	9.880	138	114341	40.556	ng	94
54) 2,4-Dinitrophenol	9.980	184	68991	41.788	ng	91
55) Dibenzofuran	10.127	168	608759	41.191	ng	100
56) 4-Nitrophenol	10.039	139	82947	41.106	ng	99
57) 2,4-Dinitrotoluene	10.110	165	158358	42.770	ng	97
58) Fluorene	10.469	166	495870	41.499	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	134147	38.998	ng	94
60) Diethylphthalate	10.345	149	519165	42.047	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	263545	41.498	ng	97
62) 4-Nitroaniline	10.498	138	117521	41.418	ng	95
63) Azobenzene	10.621	77	567632	41.863	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	97832	42.407	ng	94
66) n-Nitrosodiphenylamine	10.586	169	417127	40.030	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	161487	40.691	ng	94
68) Hexachlorobenzene	11.016	284	175125	40.122	ng	99
69) Atrazine	11.110	200	145218	41.807	ng	97
70) Pentachlorophenol	11.216	266	98140	42.363	ng	98
71) Phenanthrene	11.439	178	724176	39.523	ng	98
72) Anthracene	11.492	178	717974	40.020	ng	99
73) Carbazole	11.645	167	625442	40.295	ng	99
74) Di-n-butylphthalate	11.974	149	809140	41.865	ng	99
75) Fluoranthene	12.633	202	811590	39.772	ng	98
77) Benzidine	12.751	184	141198	37.917	ng	99
78) Pyrene	12.863	202	809959	43.867	ng	100
80) Butylbenzylphthalate	13.480	149	290672	44.635	ng	99
81) Benzo(a)anthracene	14.051	228	627921	42.932	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	177818	43.546	ng	99
83) Chrysene	14.092	228	585483	42.412	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	344456	44.359	ng	100
85) Di-n-octyl phthalate	14.657	149	510167	47.065	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	549186	46.879	ng	100
88) Benzo(b)fluoranthene	15.115	252	473416	38.366	ng	99
89) Benzo(k)fluoranthene	15.151	252	468646	38.922	ng	99
90) Benzo(a)pyrene	15.492	252	384375	39.325	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	456582	47.161	ng	99
92) Benzo(g,h,i)perylene	17.527	276	449068	46.929	ng	99

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

Instrument :
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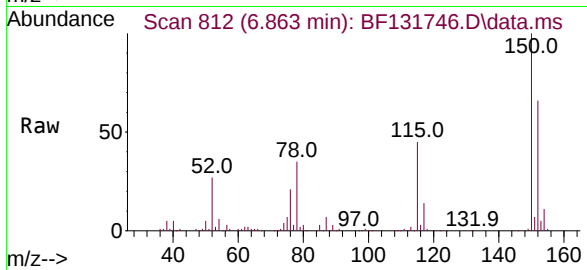
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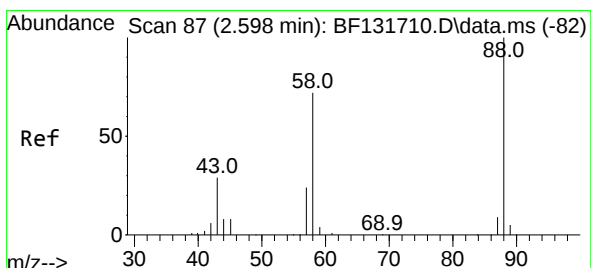
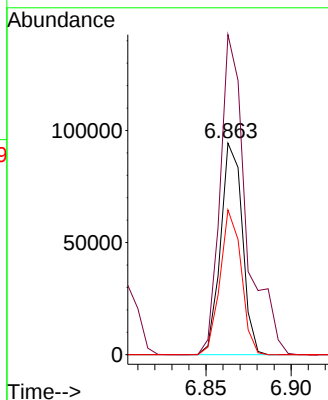
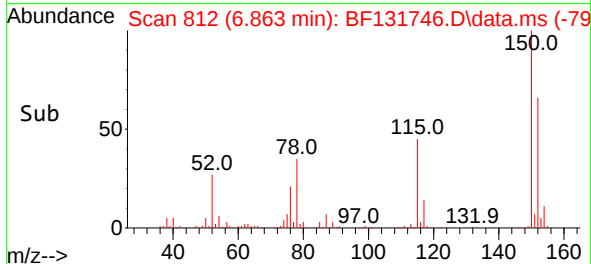


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131746.D
 Acq: 21 Dec 2022 15:03

Instrument :
 BNA_F
 ClientSampleId :

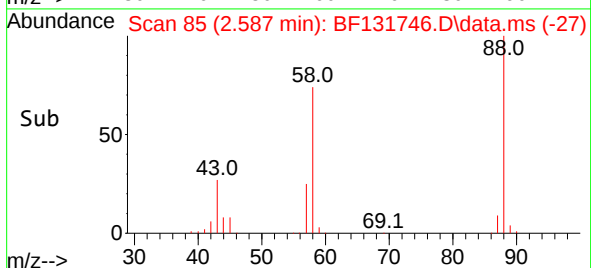
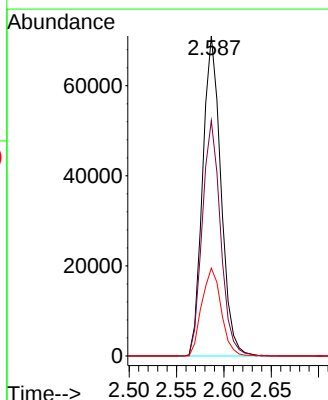
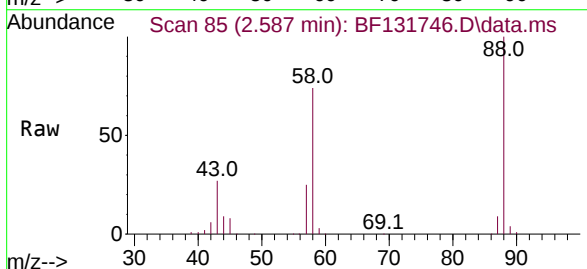


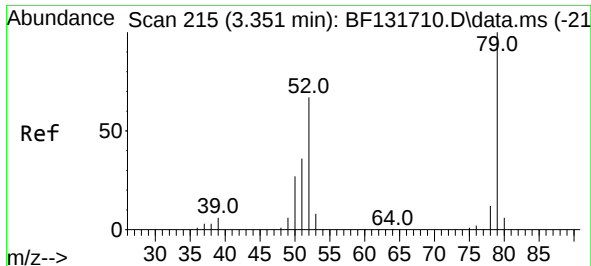
Tgt Ion:152 Resp: 83752
 Ion Ratio Lower Upper
 152 100
 150 151.3 117.4 176.0
 115 68.5 50.2 75.4



#2
 1,4-Dioxane
 Concen: 40.995 ng
 RT: 2.587 min Scan# 85
 Delta R.T. -0.012 min
 Lab File: BF131746.D
 Acq: 21 Dec 2022 15:03

Tgt Ion: 88 Resp: 95284
 Ion Ratio Lower Upper
 88 100
 58 73.6 57.5 86.3
 43 29.1 23.3 34.9





#3

Pyridine

Concen: 40.927 ng

RT: 3.340 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :

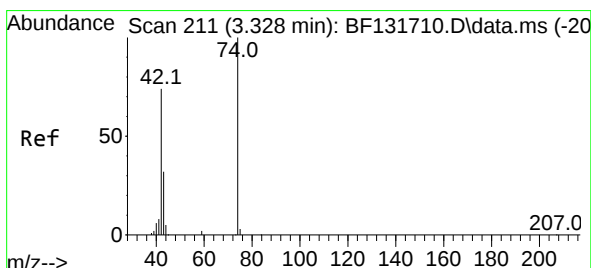
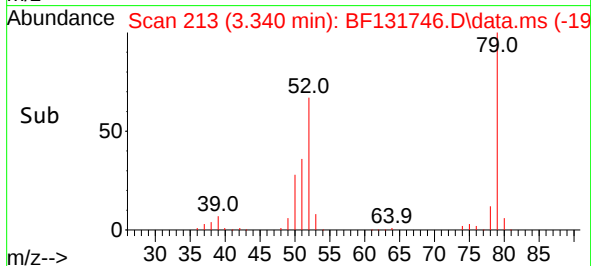
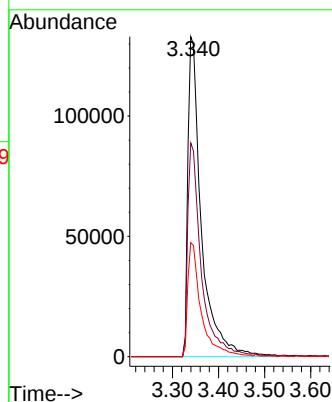
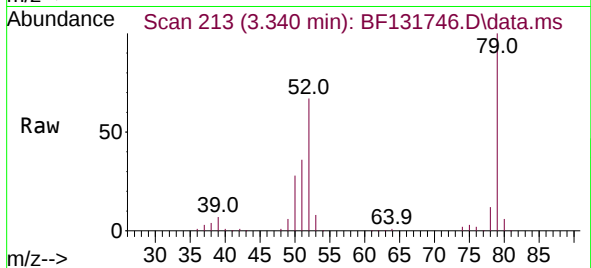
Tgt Ion: 79 Resp: 271242

Ion Ratio Lower Upper

79 100

52 66.8 53.7 80.5

51 35.7 28.6 42.8



#4

n-Nitrosodimethylamine

Concen: 41.004 ng

RT: 3.310 min Scan# 208

Delta R.T. -0.018 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

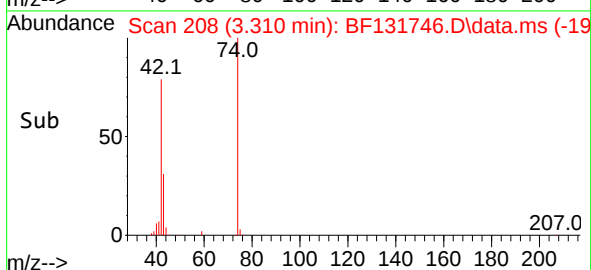
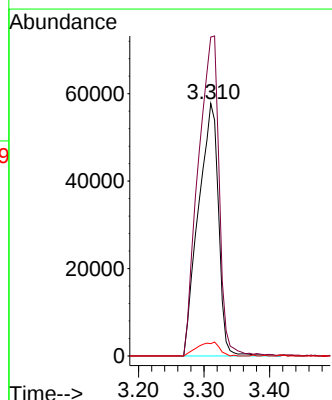
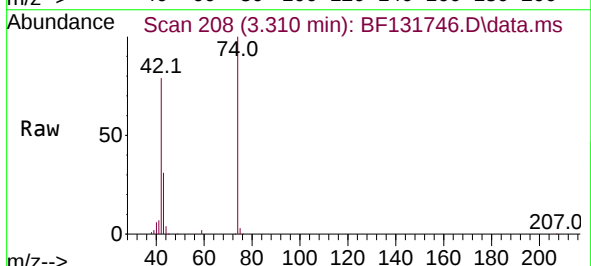
Tgt Ion: 42 Resp: 122950

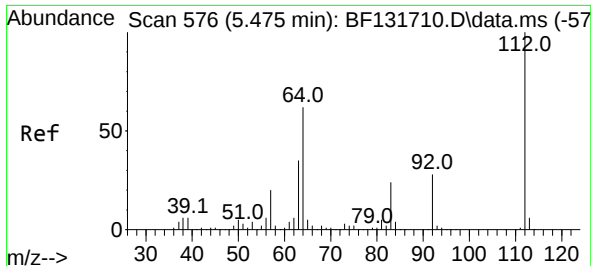
Ion Ratio Lower Upper

42 100

74 126.3 107.8 161.8

44 4.9 5.5 8.3#

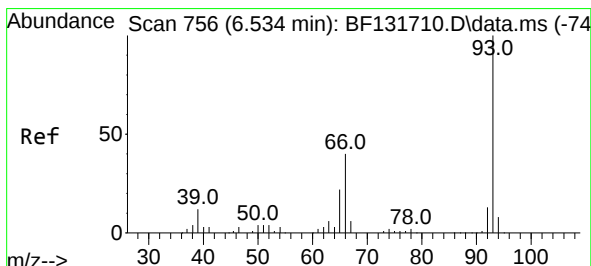
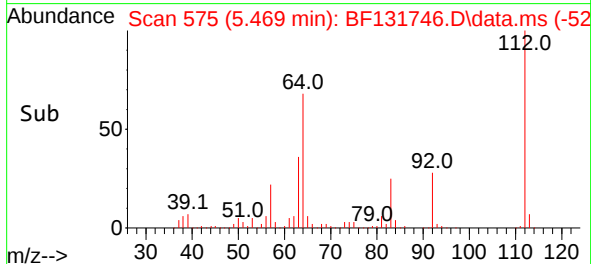
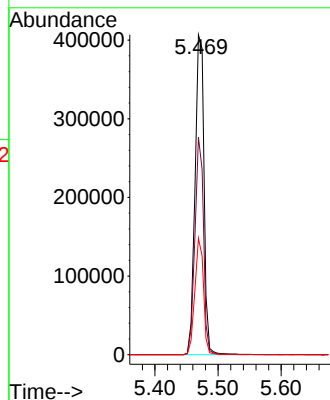
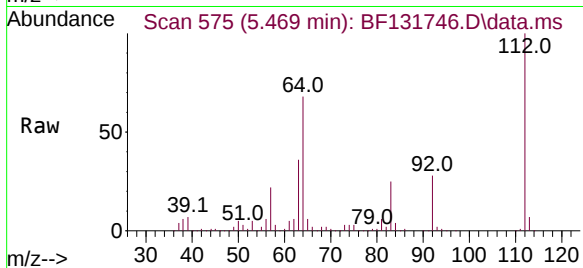




#5
2-Fluorophenol
Concen: 80.618 ng
RT: 5.469 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

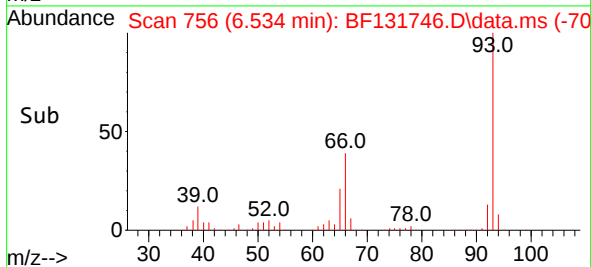
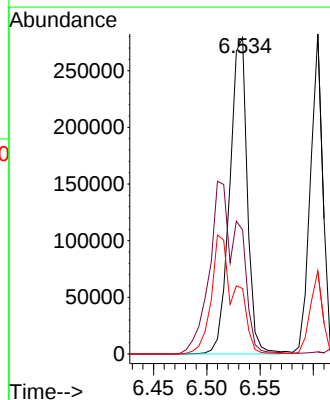
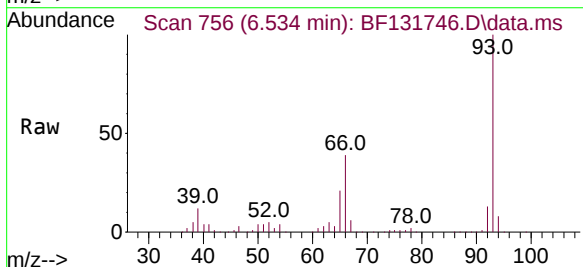
Instrument :
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ClientSampleId :

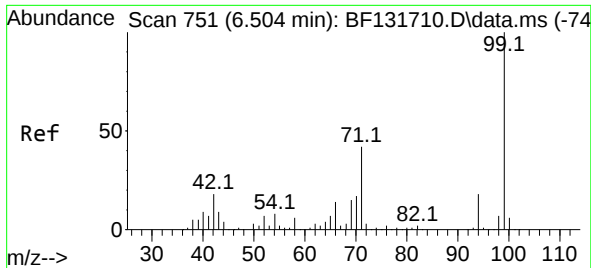
Tgt Ion:112 Resp: 400970
Ion Ratio Lower Upper
112 100
64 68.0 49.5 74.3
63 36.4 28.2 42.2



#6
Aniline
Concen: 38.817 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion: 93 Resp: 320808
Ion Ratio Lower Upper
93 100
66 39.2 32.8 49.2
65 20.7 17.4 26.2

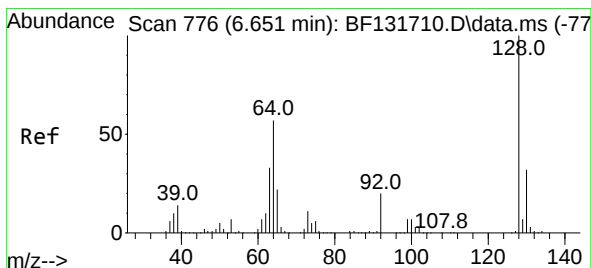
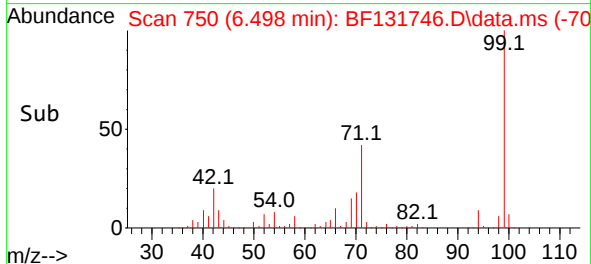
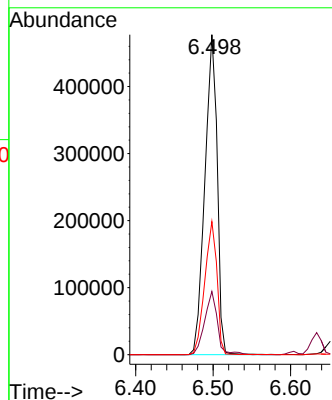
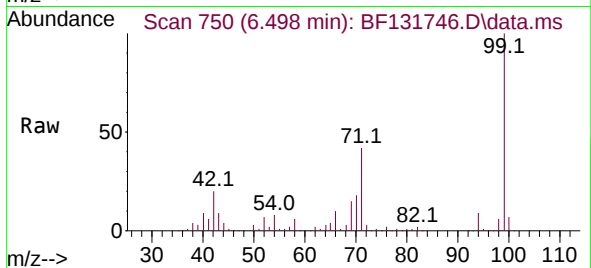




#7
Phenol-d6
Concen: 78.705 ng
RT: 6.498 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

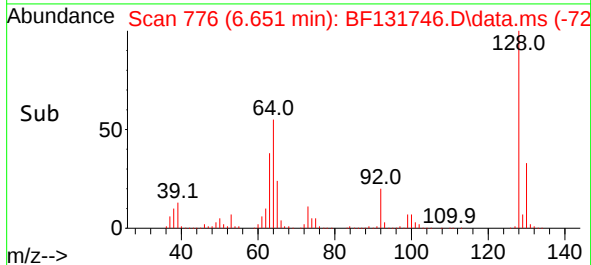
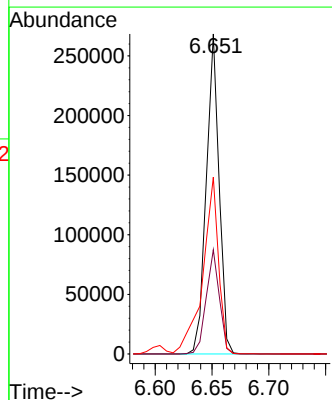
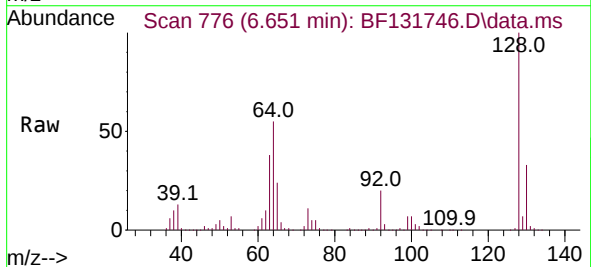
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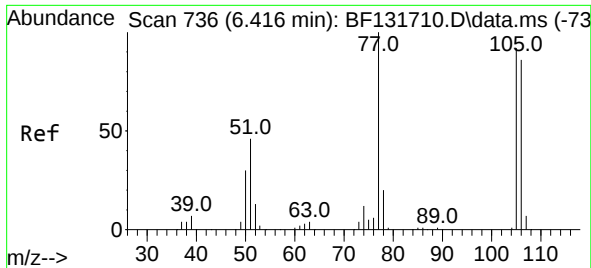
Tgt Ion: 99 Resp: 526893
Ion Ratio Lower Upper
99 100
42 19.7 14.8 22.2
71 41.6 33.8 50.6



#8
2-Chlorophenol
Concen: 39.302 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion:128 Resp: 209958
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 55.2 37.7 77.7



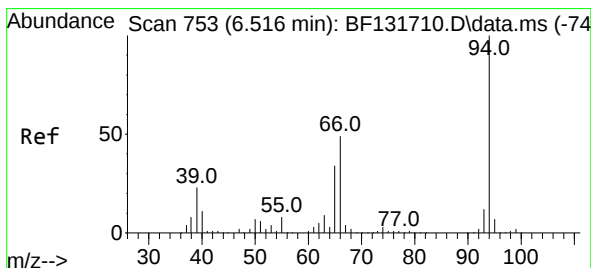
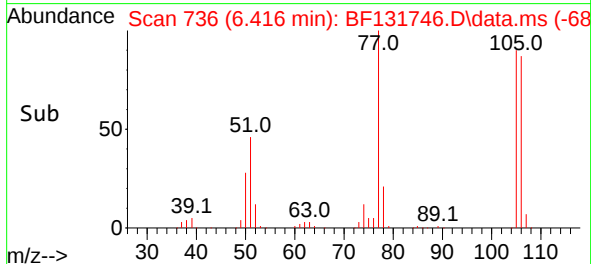
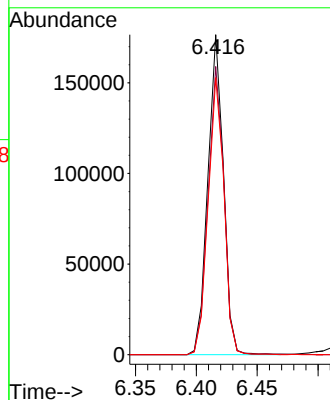
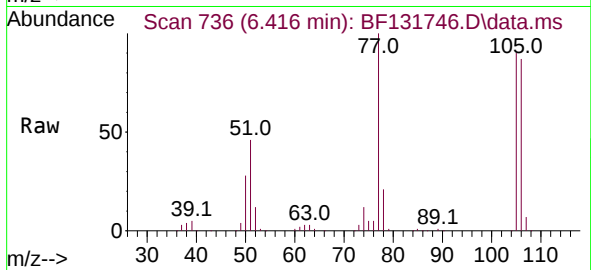


#9
Benzaldehyde
Concen: 40.284 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 157407

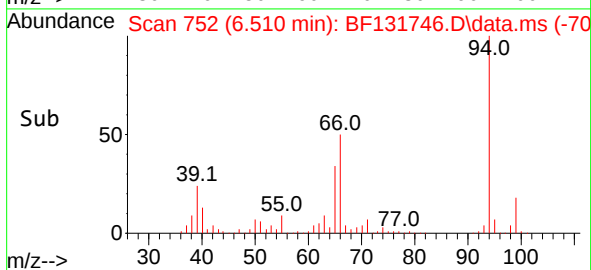
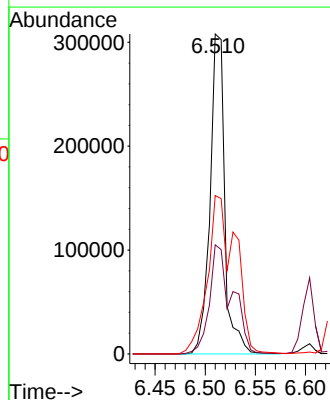
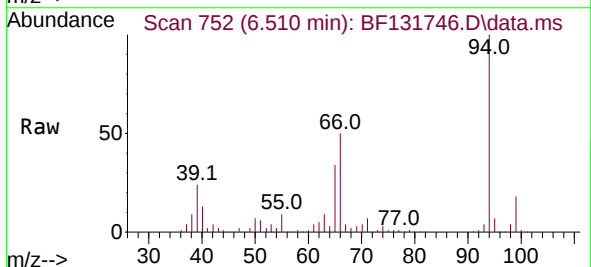
Ion	Ratio	Lower	Upper
77	100		
105	90.1	72.4	112.4
106	86.6	66.5	106.5

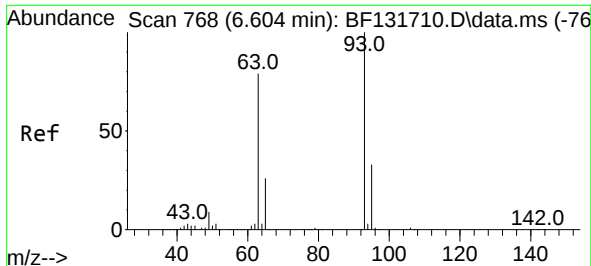


#10
Phenol
Concen: 39.619 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion: 94 Resp: 316665

Ion	Ratio	Lower	Upper
94	100		
65	34.1	14.0	54.0
66	49.5	28.8	68.8

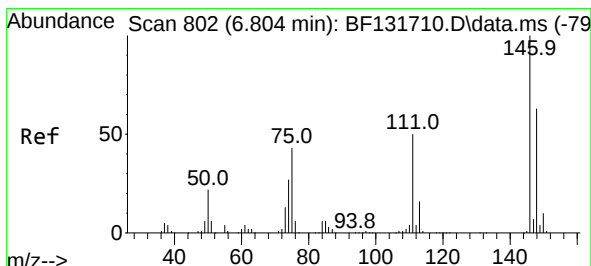
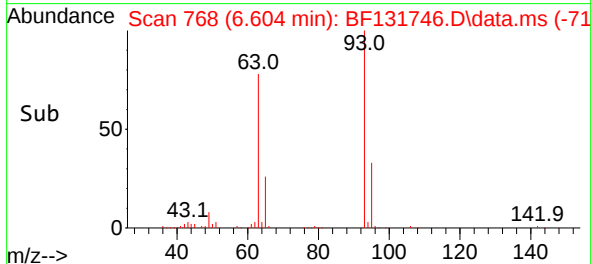
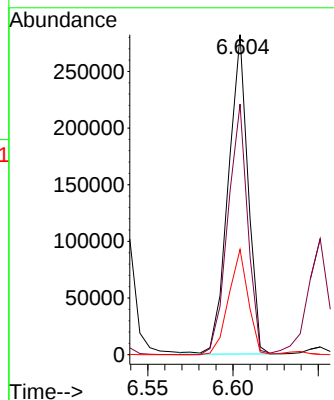
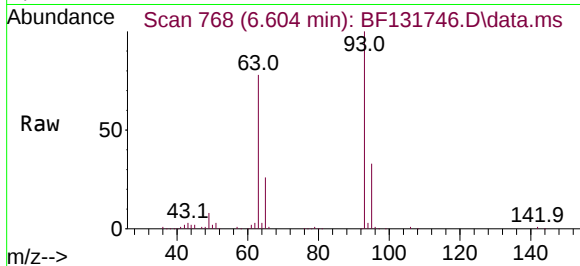




#11
bis(2-Chloroethyl)ether
Concen: 39.709 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

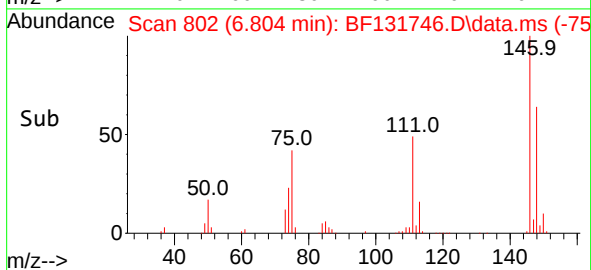
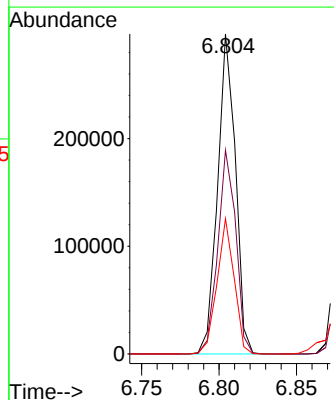
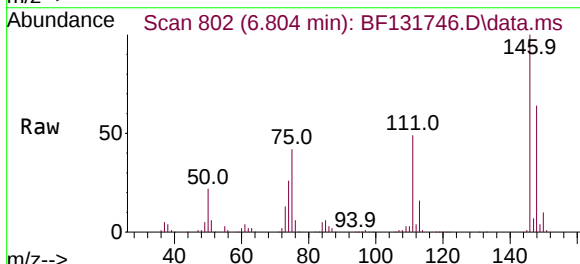
Instrument :
BNA_F
ClientSampleId :

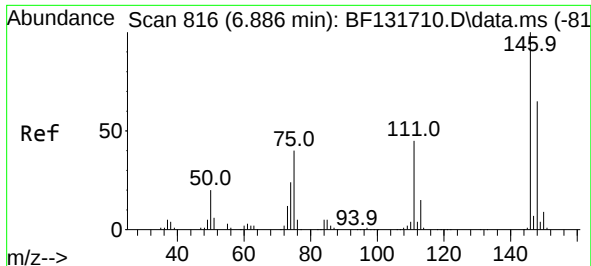
Tgt Ion: 93 Resp: 227122
Ion Ratio Lower Upper
93 100
63 78.3 59.0 99.0
95 32.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.375 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion: 146 Resp: 237773
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
75 42.3 34.3 51.5

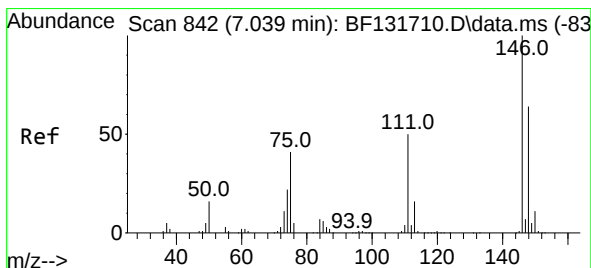
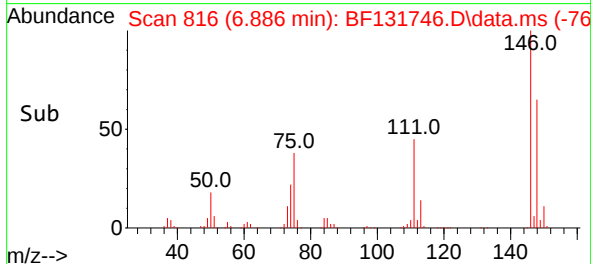
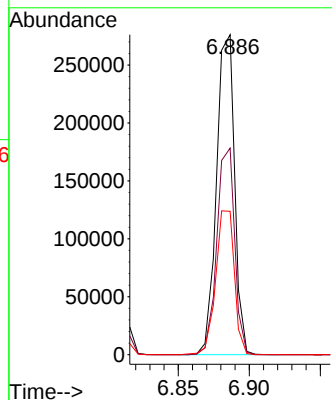
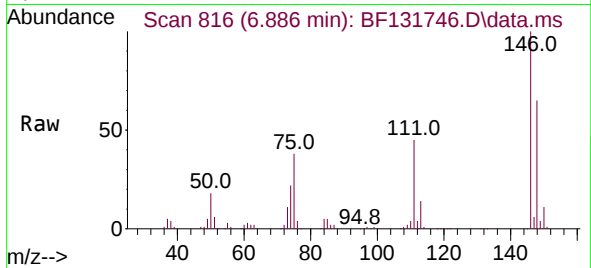




#13
1,4-Dichlorobenzene
Concen: 39.525 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

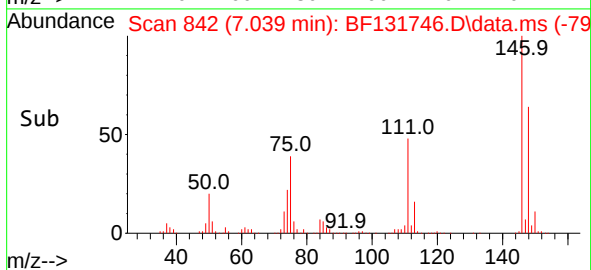
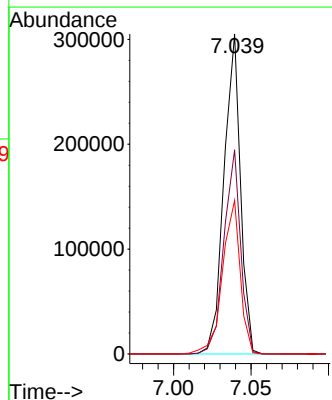
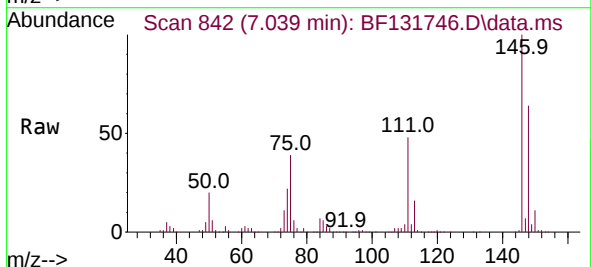
Instrument :
BNA_F
ClientSampleId :

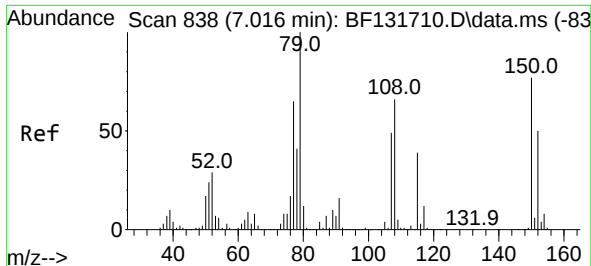
Tgt Ion:146 Resp: 243974
Ion Ratio Lower Upper
146 100
148 64.6 52.2 78.4
111 44.8 36.4 54.6



#14
1,2-Dichlorobenzene
Concen: 39.198 ng
RT: 7.039 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion:146 Resp: 226543
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
111 48.0 39.8 59.6





#15

Benzyl Alcohol

Concen: 38.636 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :

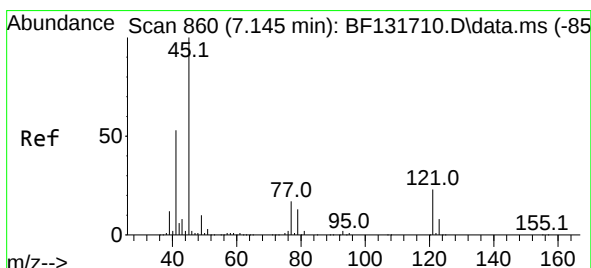
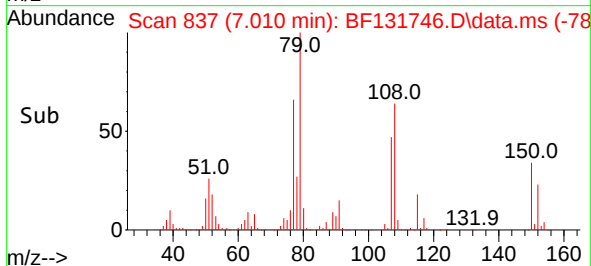
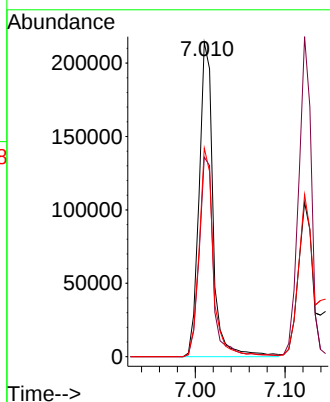
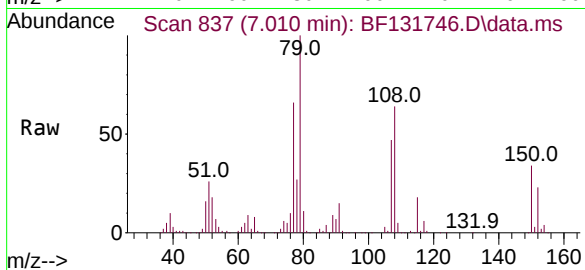
Tgt Ion: 79 Resp: 231019

Ion Ratio Lower Upper

79 100

108 63.5 52.6 78.8

77 66.4 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.161 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

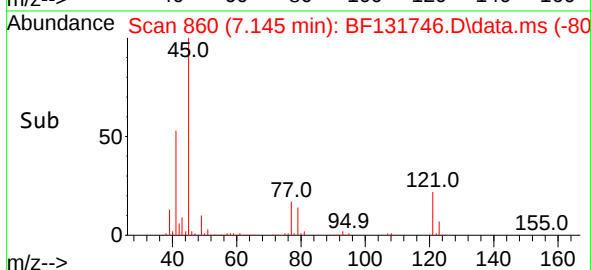
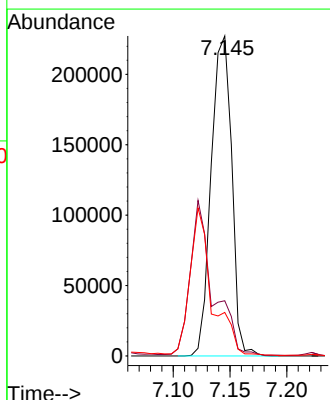
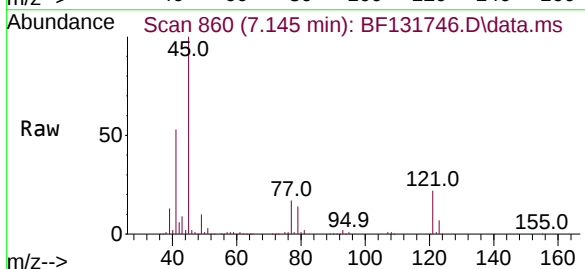
Tgt Ion: 45 Resp: 285608

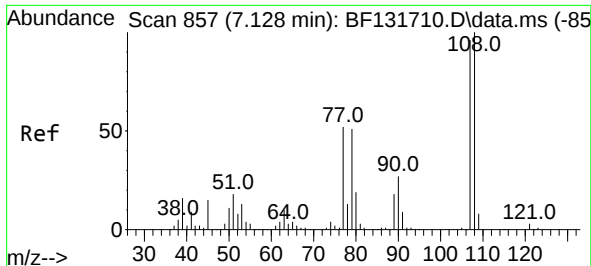
Ion Ratio Lower Upper

45 100

77 17.3 0.0 36.8

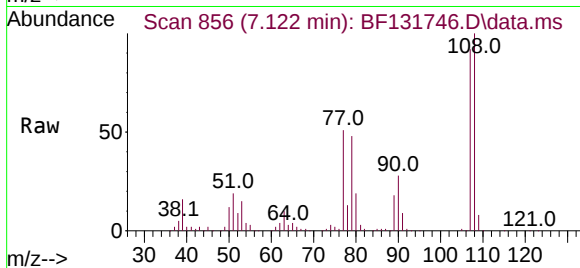
79 13.6 0.0 33.1



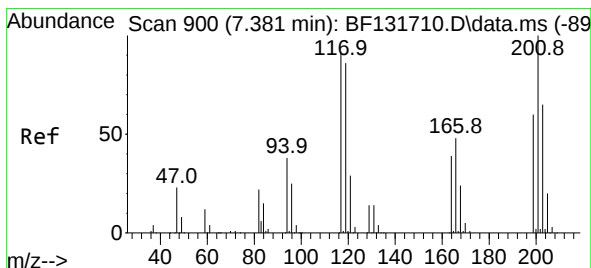
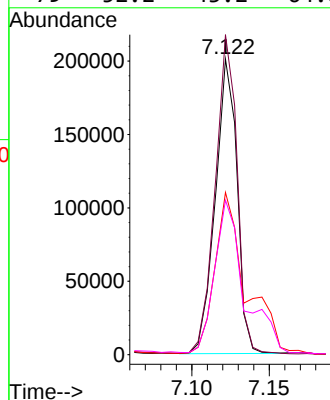
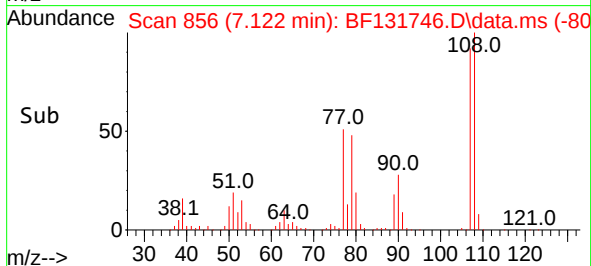


#17
2-Methylphenol
Concen: 38.727 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Instrument :
BNA_F
ClientSampleId :

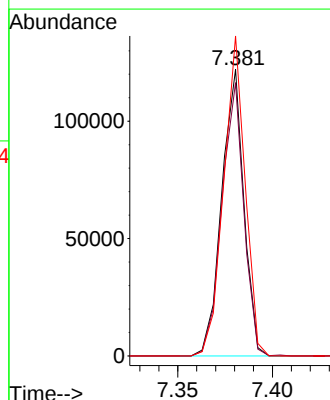
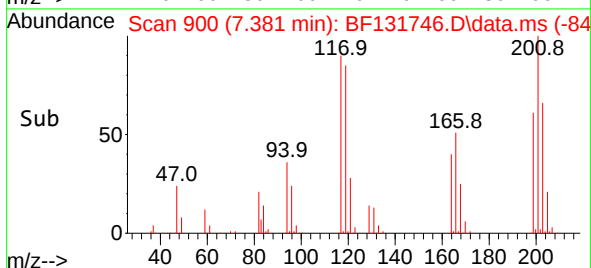
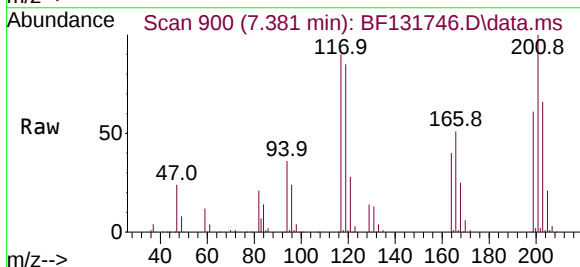


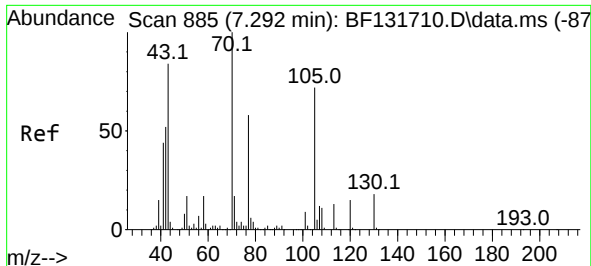
Tgt Ion:107 Resp: 195307
Ion Ratio Lower Upper
107 100
108 108.3 83.8 125.6
77 54.9 43.8 65.8
79 52.2 43.2 64.8



#18
Hexachloroethane
Concen: 40.588 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

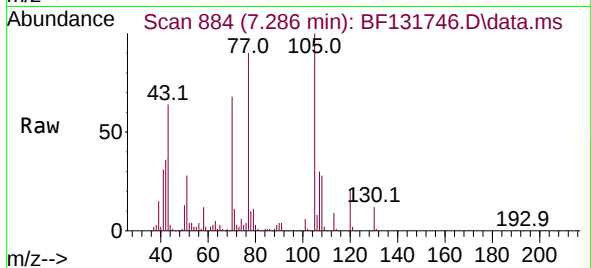
Tgt Ion:117 Resp: 99315
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 111.7 88.2 132.4



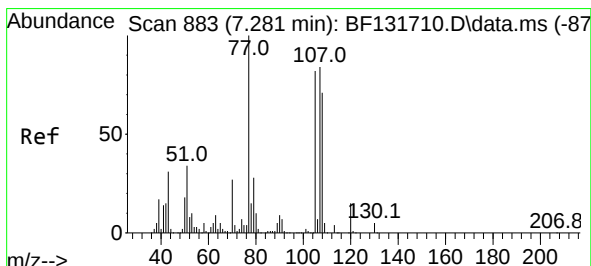
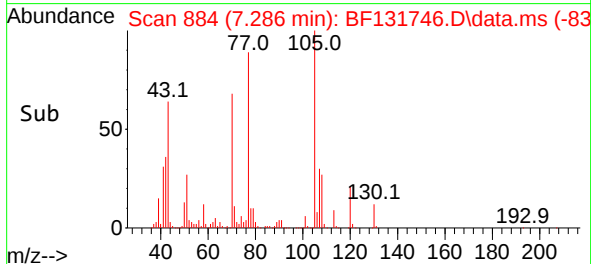
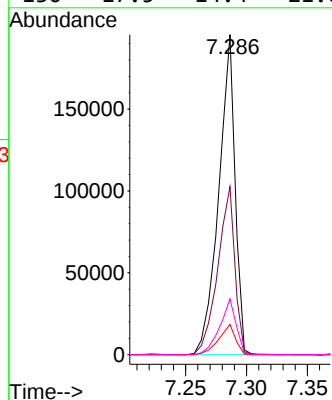


#19
n-Nitroso-di-n-propylamine
Concen: 37.994 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Instrument :
BNA_F
ClientSampleId :

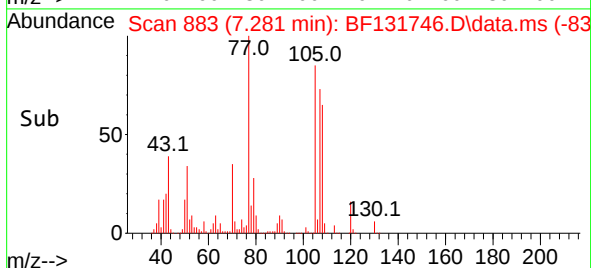
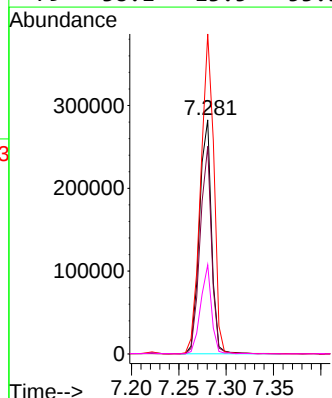
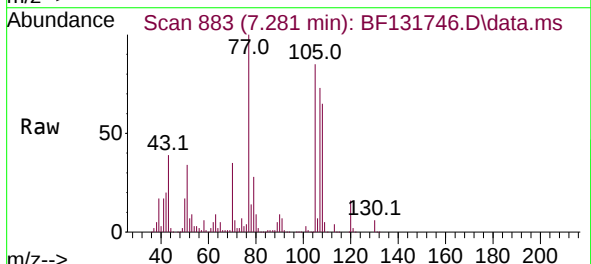


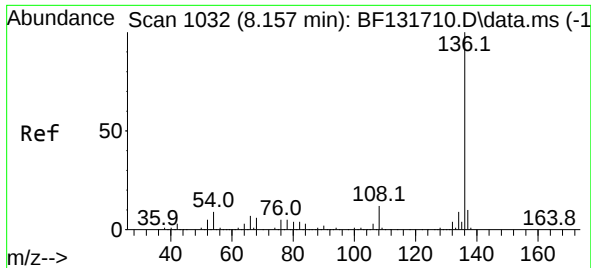
Tgt Ion:	70	Resp:	183438
Ion	Ratio	Lower	Upper
70	100		
42	52.5	41.5	62.3
101	9.5	7.3	10.9
130	17.5	14.4	21.6



#20
3+4-Methylphenols
Concen: 38.685 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

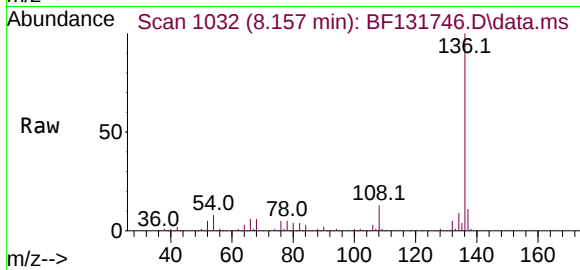
Tgt Ion:	107	Resp:	251094
Ion	Ratio	Lower	Upper
107	100		
108	88.7	65.2	105.2
77	136.7	99.6	139.6
79	38.1	13.5	53.5



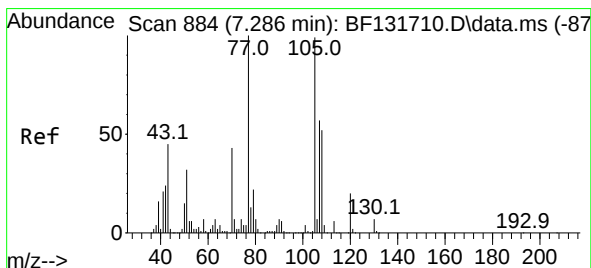
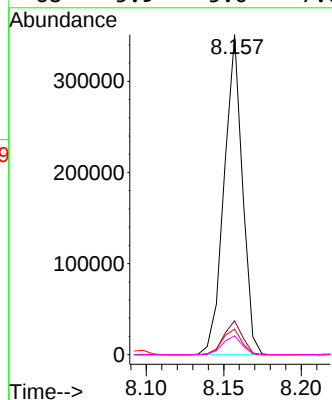
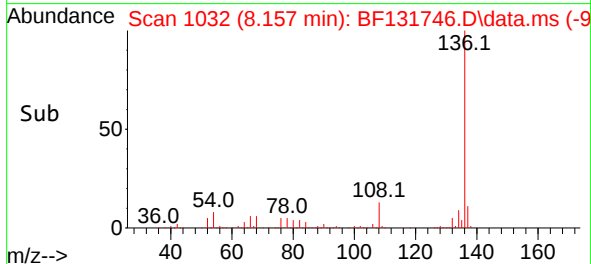


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

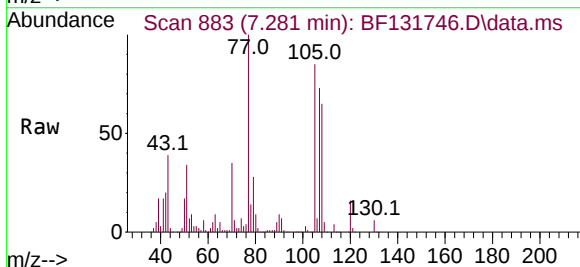
Instrument :
BNA_F
ClientSampleId :



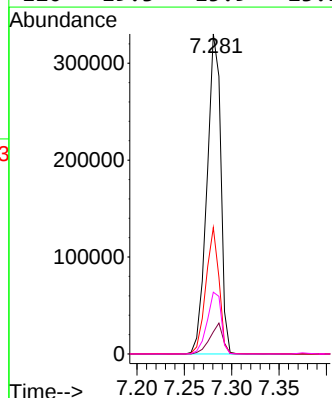
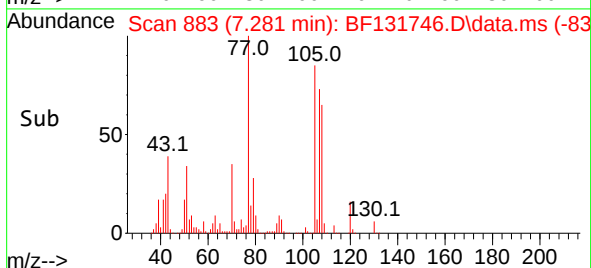
Tgt Ion:	136	Resp:	288161
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.4	12.6
54	8.0	7.2	10.8
68	5.9	5.0	7.6

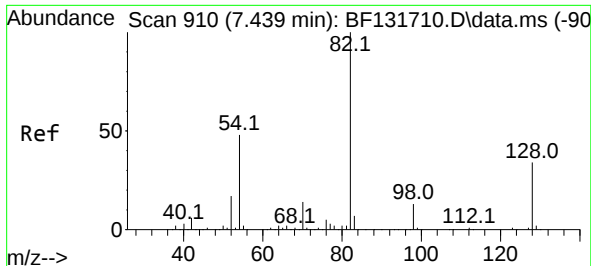


#22
Acetophenone
Concen: 39.816 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03



Tgt Ion:	105	Resp:	334827
Ion Ratio	Lower	Upper	
105	100		
71	6.9	5.5	8.3
51	39.5	25.5	38.3#
120	19.3	15.9	23.9

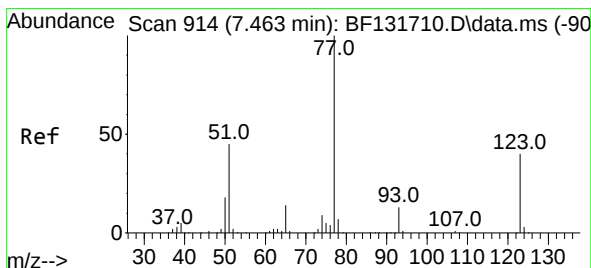
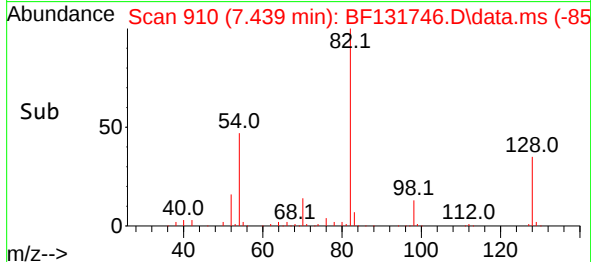
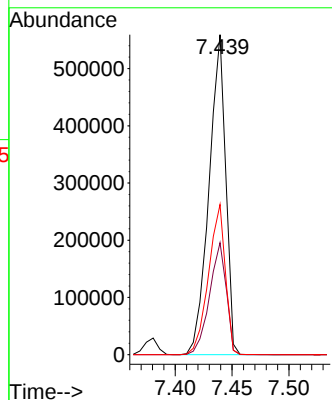
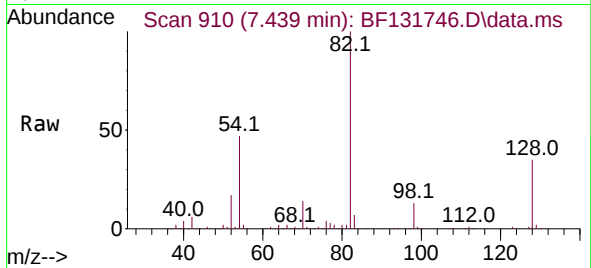




#23
Nitrobenzene-d5
Concen: 80.342 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

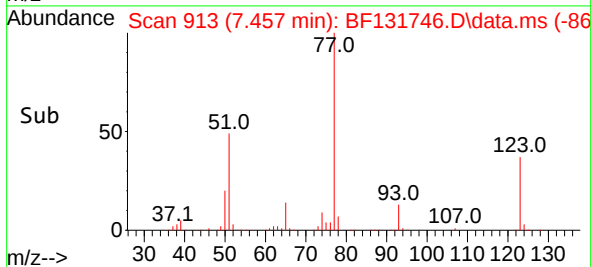
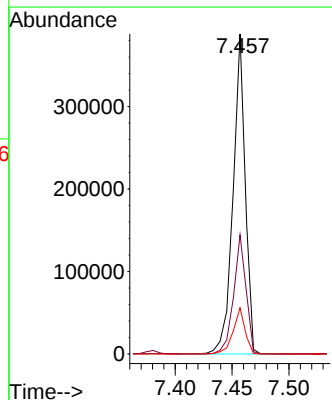
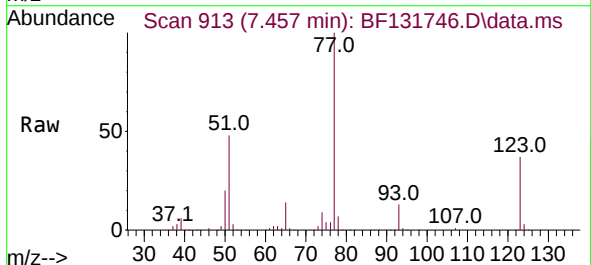
Instrument :
BNA_F
ClientSampleId :

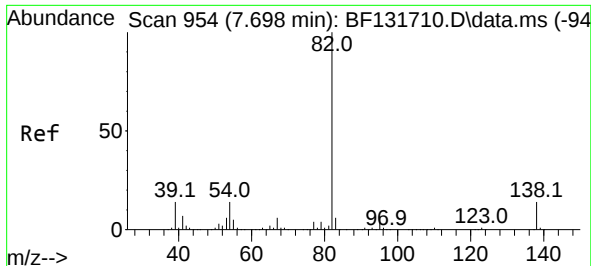
Tgt Ion: 82 Resp: 570288
Ion Ratio Lower Upper
82 100
128 35.0 27.3 40.9
54 46.9 38.2 57.2



#24
Nitrobenzene
Concen: 40.201 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion: 77 Resp: 290099
Ion Ratio Lower Upper
77 100
123 37.3 31.8 47.6
65 14.4 10.9 16.3

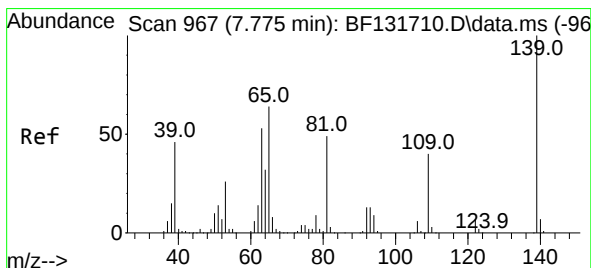
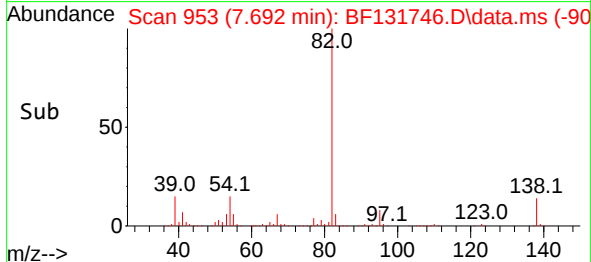
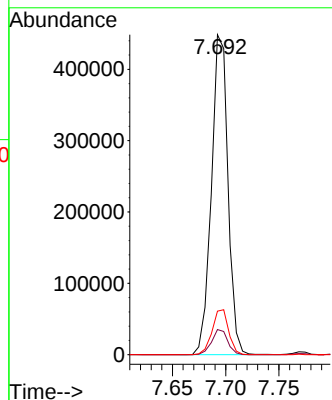
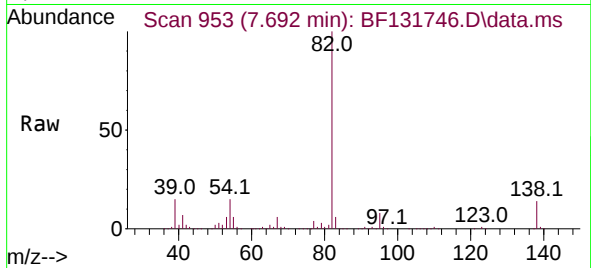




#25
Isophorone
Concen: 40.170 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

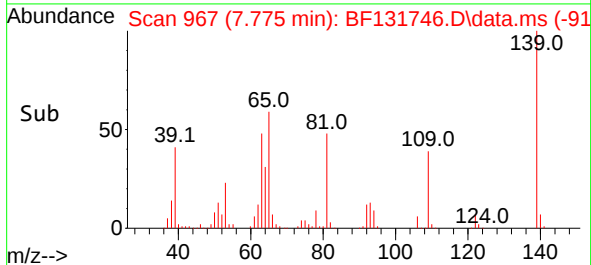
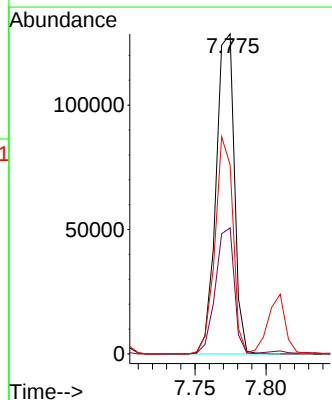
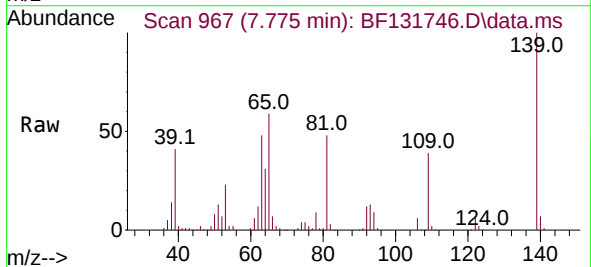
Instrument :
BNA_F
ClientSampleId :

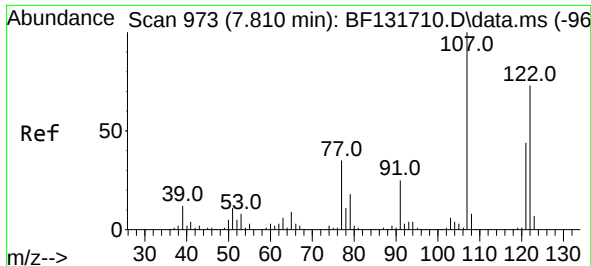
Tgt Ion: 82 Resp: 484234
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 13.6 11.6 17.4



#26
2-Nitrophenol
Concen: 40.864 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion:139 Resp: 115244
Ion Ratio Lower Upper
139 100
109 39.4 31.8 47.6
65 59.1 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 40.185 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :

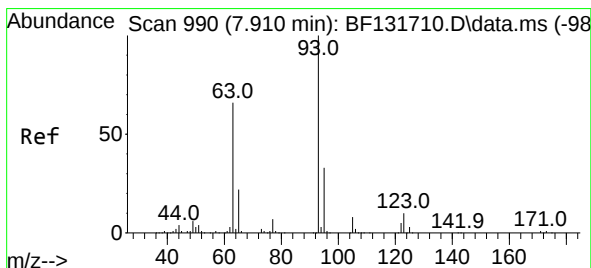
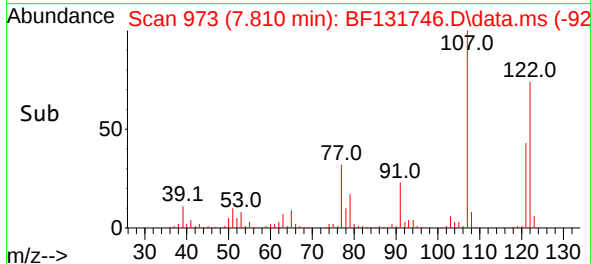
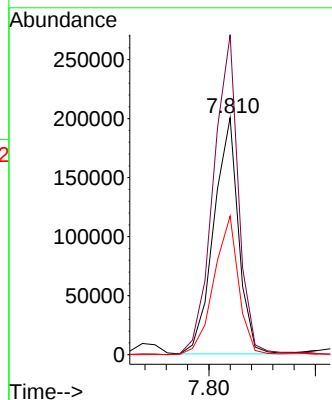
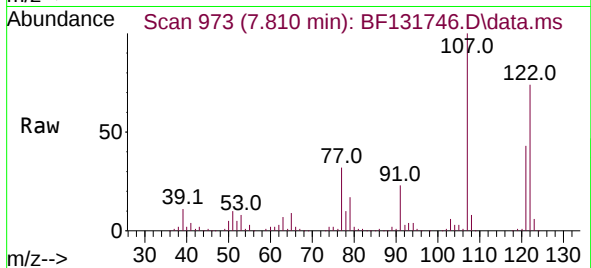
Tgt Ion:122 Resp: 161413

Ion Ratio Lower Upper

122 100

107 135.0 110.1 165.1

121 58.5 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 40.580 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

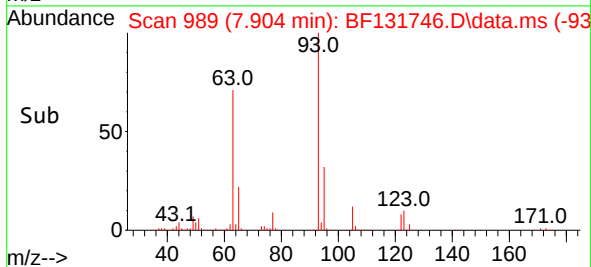
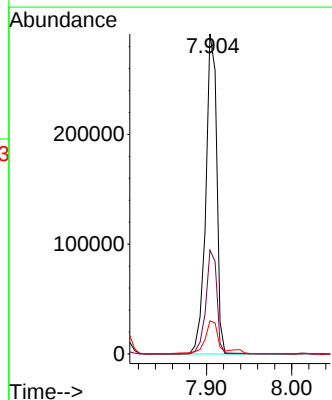
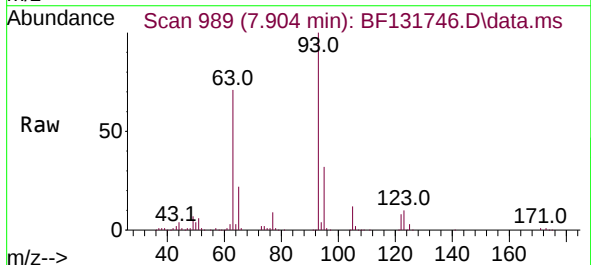
Tgt Ion: 93 Resp: 259770

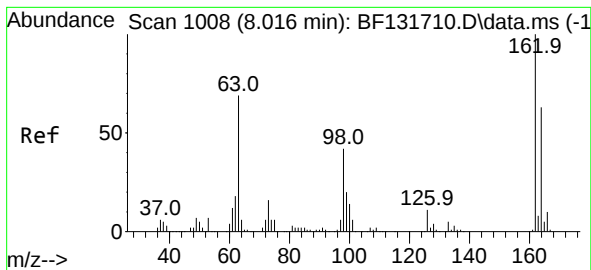
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

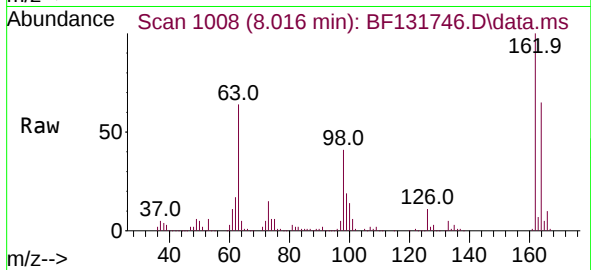
123 10.3 8.2 12.2



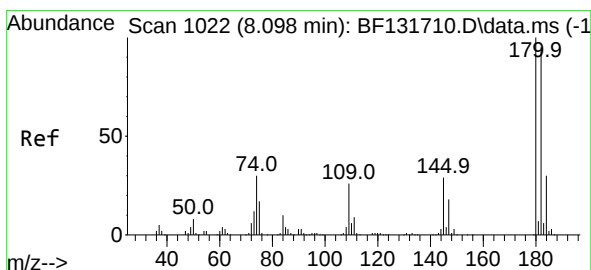
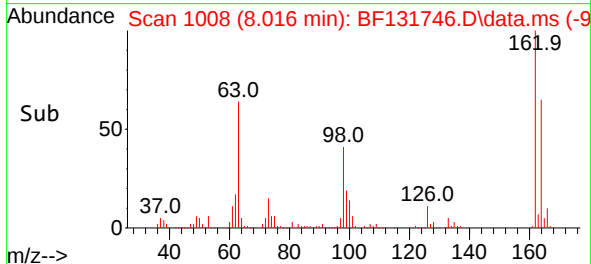
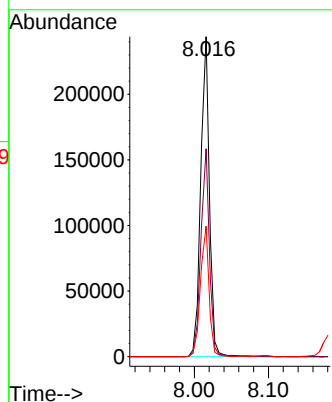


#29
2,4-Dichlorophenol
Concen: 40.935 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Instrument :
BNA_F
ClientSampleId :

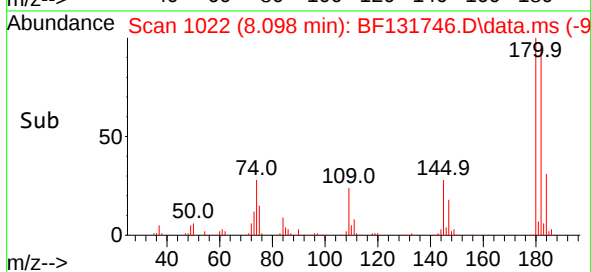
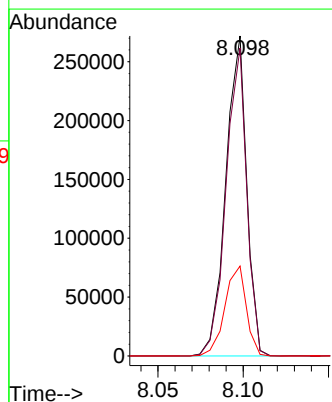
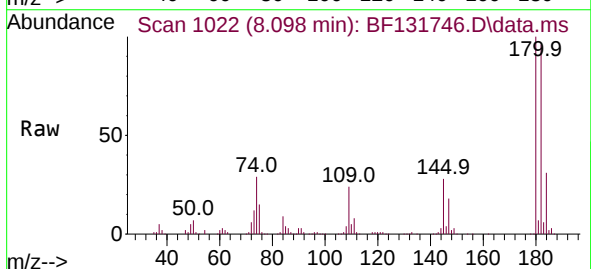


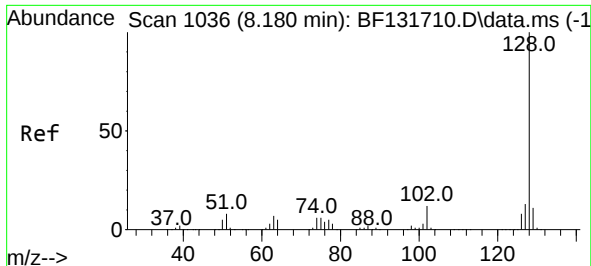
Tgt Ion:162 Resp: 198500
Ion Ratio Lower Upper
162 100
164 65.0 42.9 82.9
98 40.8 21.9 61.9



#30
1,2,4-Trichlorobenzene
Concen: 40.623 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion:180 Resp: 231573
Ion Ratio Lower Upper
180 100
182 96.2 76.1 114.1
145 28.1 23.4 35.0

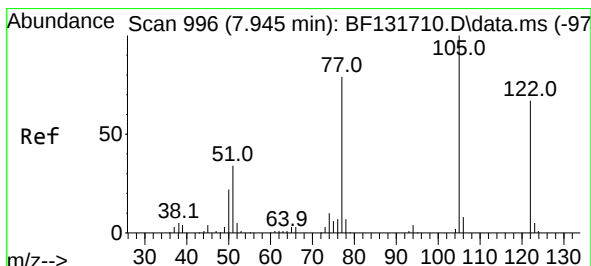
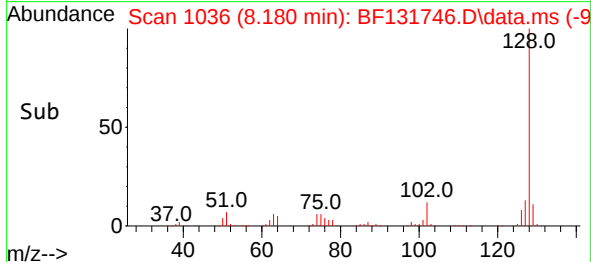
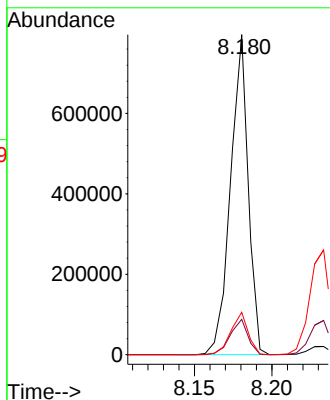
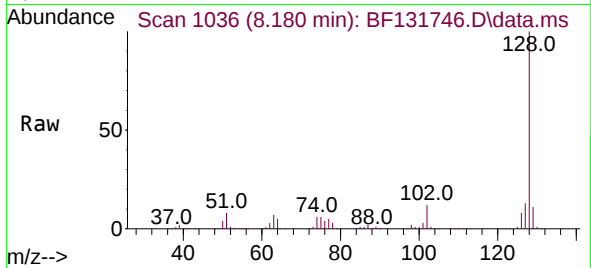




#31
Naphthalene
Concen: 40.187 ng
RT: 8.180 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

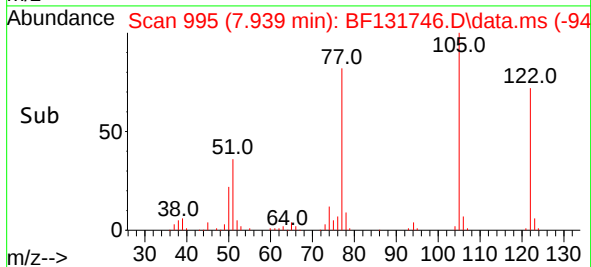
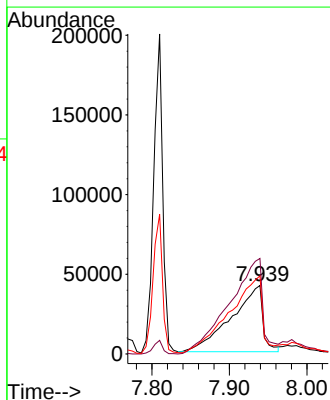
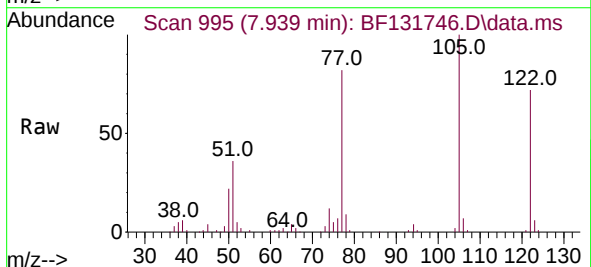
Instrument :
BNA_F
ClientSampleId :

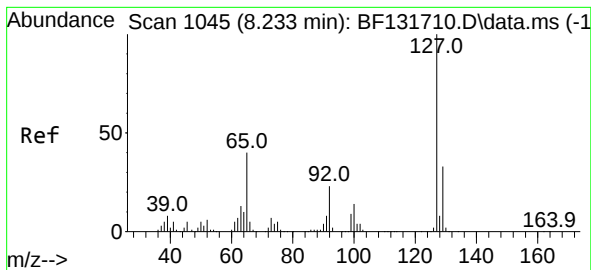
Tgt Ion:128 Resp: 632438
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 36.777 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion:122 Resp: 118249
Ion Ratio Lower Upper
122 100
105 139.3 125.1 165.1
77 114.0 95.3 135.3





#33

4-Chloroaniline

Concen: 39.512 ng

RT: 8.233 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 242503

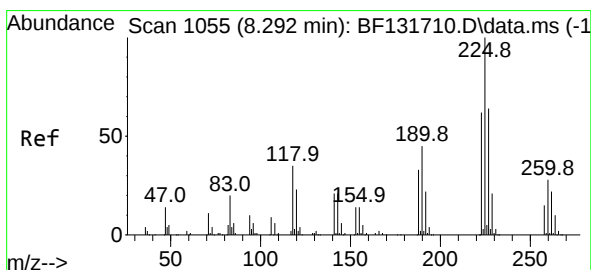
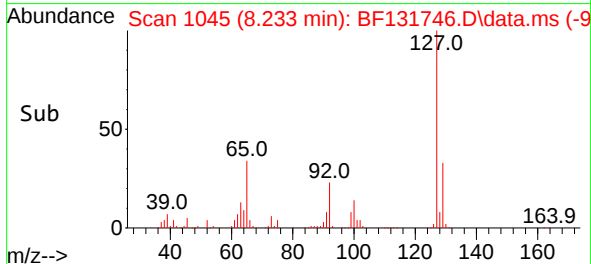
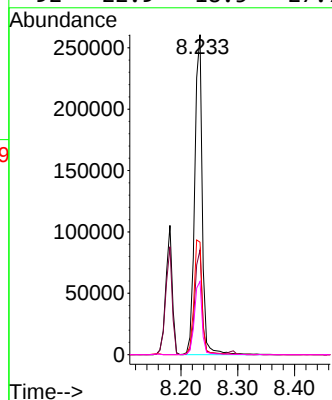
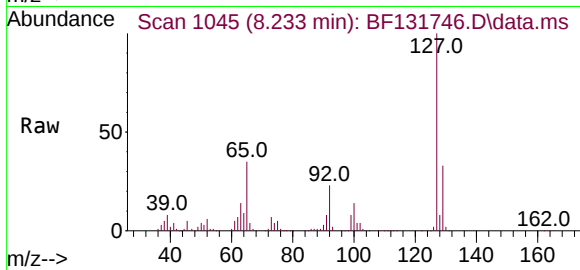
Ion Ratio Lower Upper

127 100

129 32.8 26.1 39.1

65 35.2 31.8 47.6

92 22.9 18.5 27.7



#34

Hexachlorobutadiene

Concen: 40.550 ng

RT: 8.292 min Scan# 1055

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

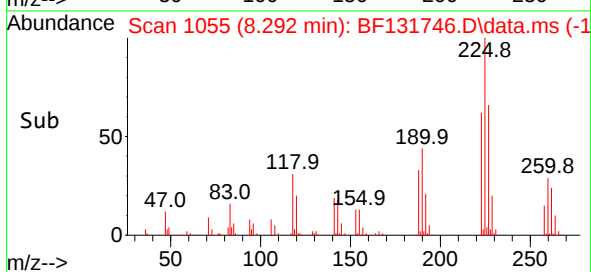
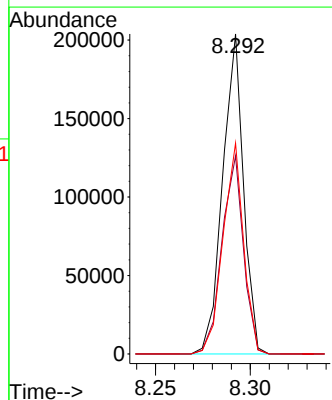
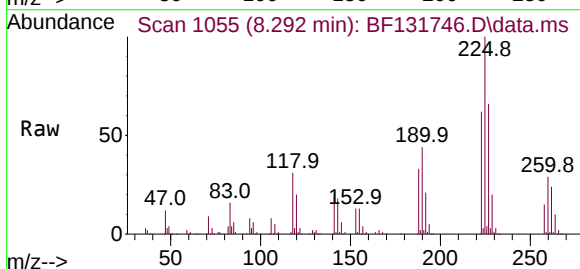
Tgt Ion:225 Resp: 155523

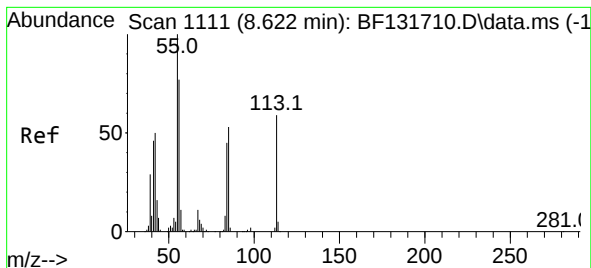
Ion Ratio Lower Upper

225 100

223 61.9 49.5 74.3

227 65.9 51.0 76.4





#35

Caprolactam

Concen: 39.974 ng

RT: 8.616 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :

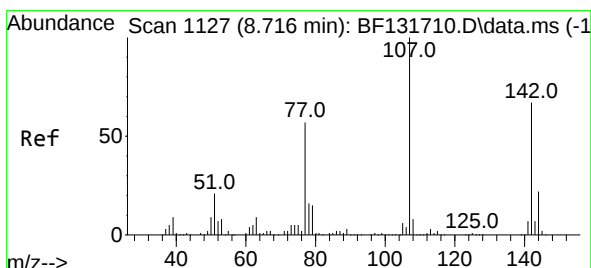
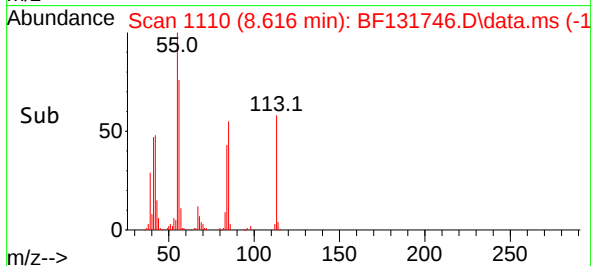
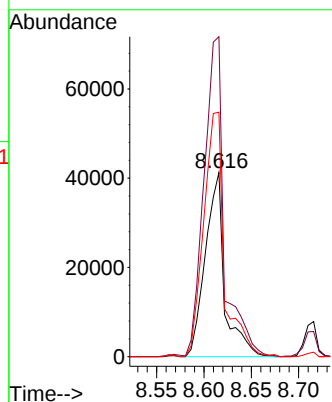
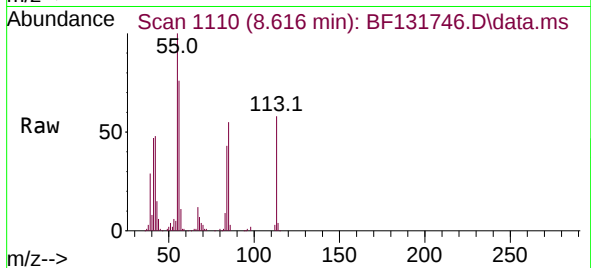
Tgt Ion:113 Resp: 58448

Ion Ratio Lower Upper

113 100

55 173.8 149.0 189.0

56 132.7 109.5 149.5



#36

4-Chloro-3-methylphenol

Concen: 40.695 ng

RT: 8.716 min Scan# 1127

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

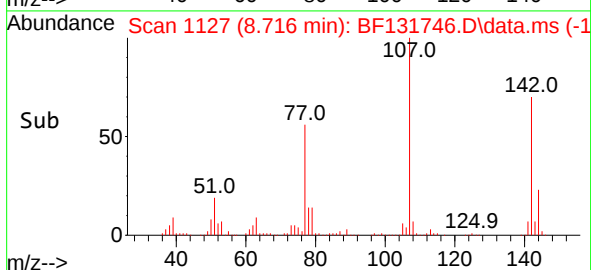
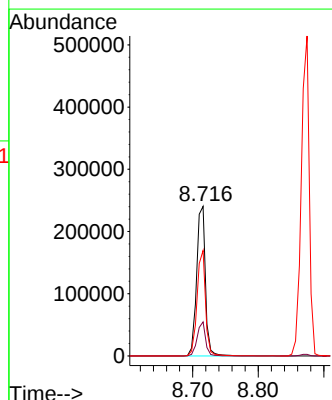
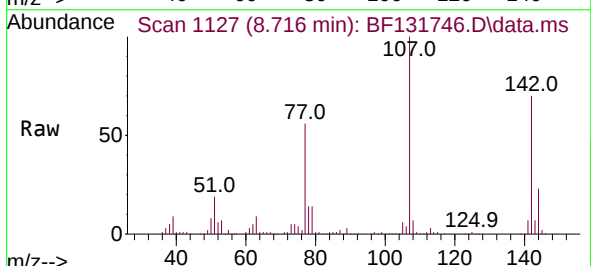
Tgt Ion:107 Resp: 225423

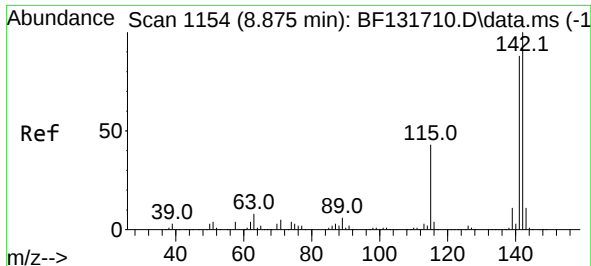
Ion Ratio Lower Upper

107 100

144 22.8 17.5 26.3

142 70.5 53.4 80.0

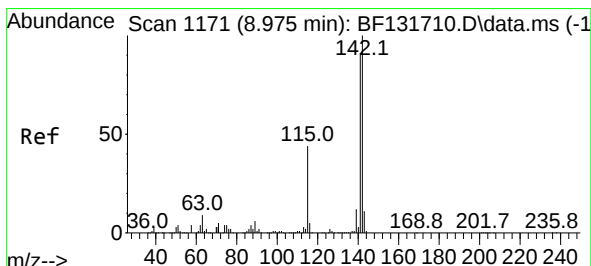
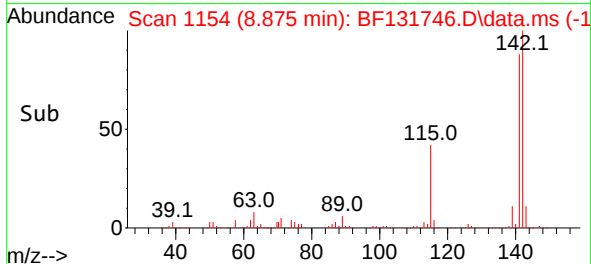
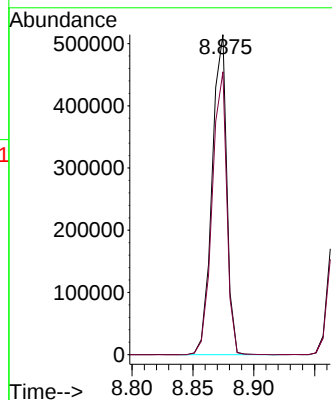
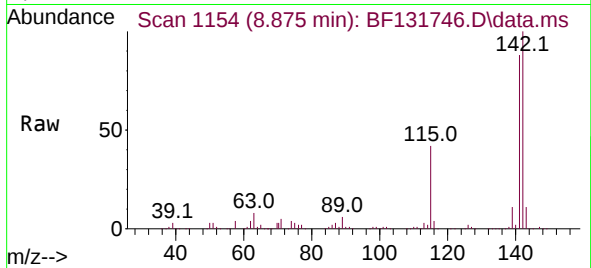




#37
2-Methylnaphthalene
Concen: 40.185 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

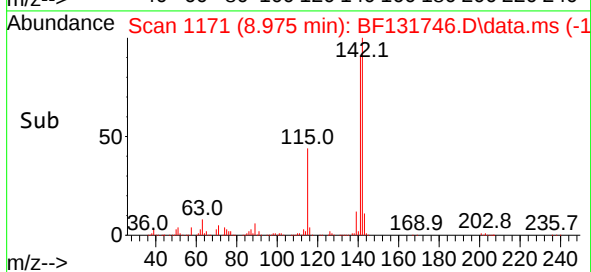
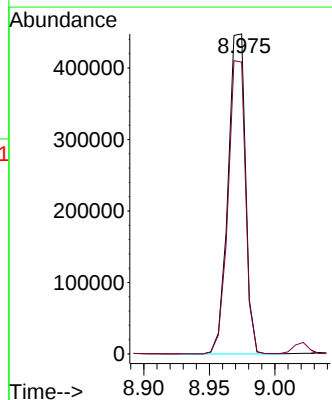
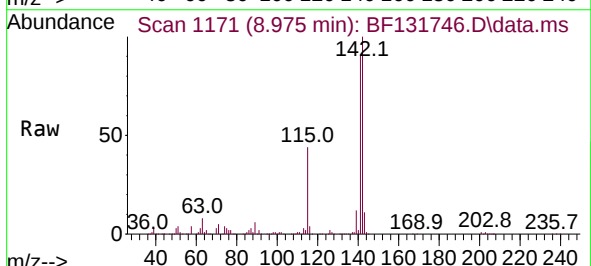
Instrument :
BNA_F
ClientSampleId :

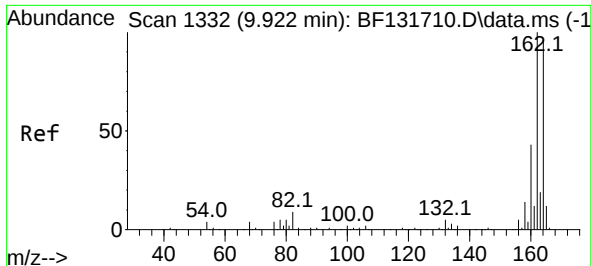
Tgt Ion:142 Resp: 431375
Ion Ratio Lower Upper
142 100
141 88.4 70.4 105.6



#38
1-Methylnaphthalene
Concen: 39.902 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion:142 Resp: 414856
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1182

Delta R.T. -0.000 min

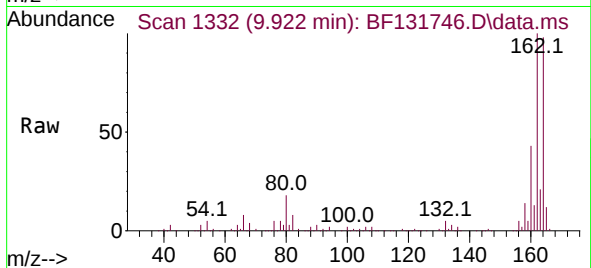
Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :



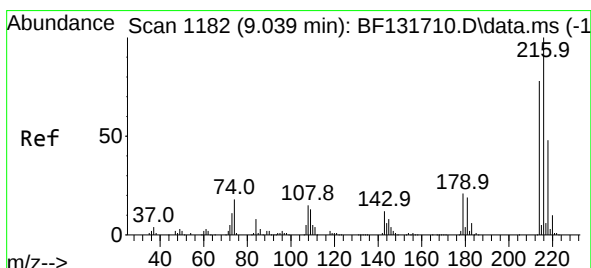
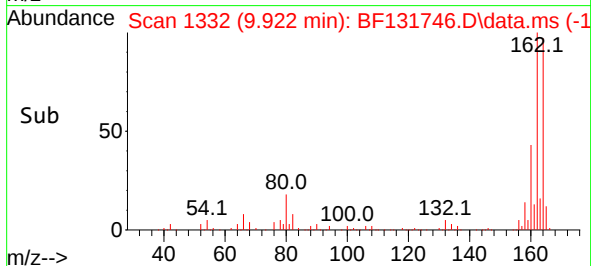
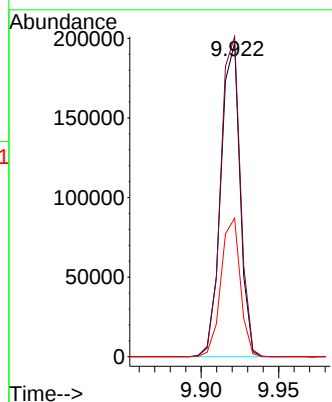
Tgt Ion:164 Resp: 170301

Ion Ratio Lower Upper

164 100

162 102.0 83.7 125.5

160 44.1 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.211 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Tgt Ion:216 Resp: 240117

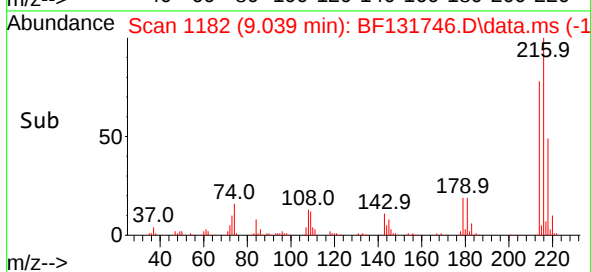
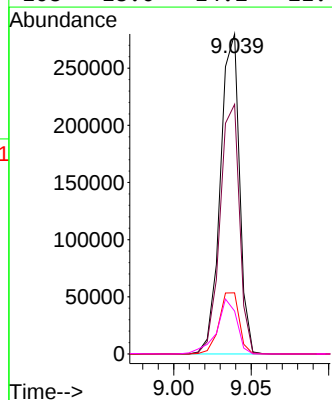
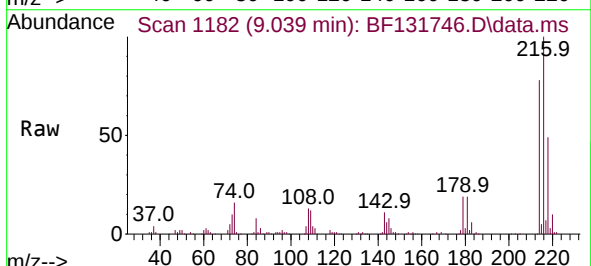
Ion Ratio Lower Upper

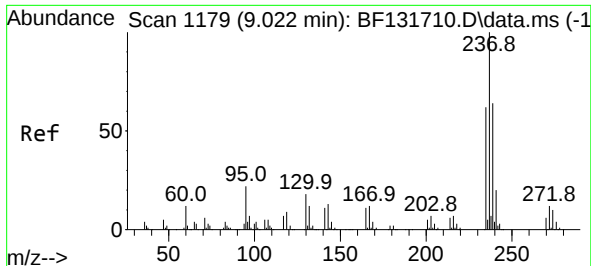
216 100

214 79.5 62.9 94.3

179 20.1 16.3 24.5

108 18.0 14.2 21.4

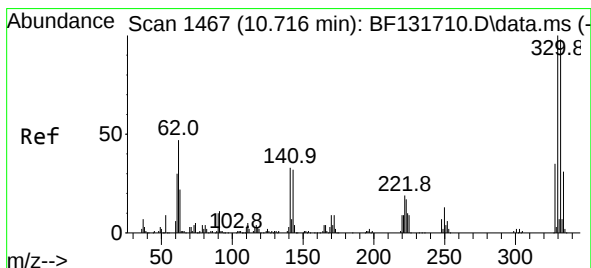
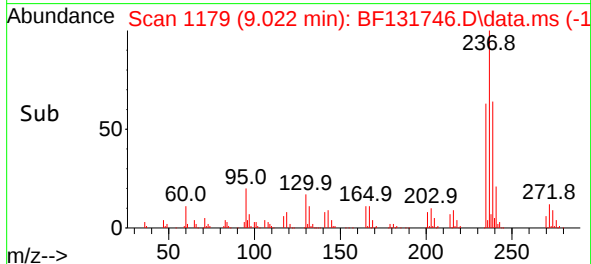
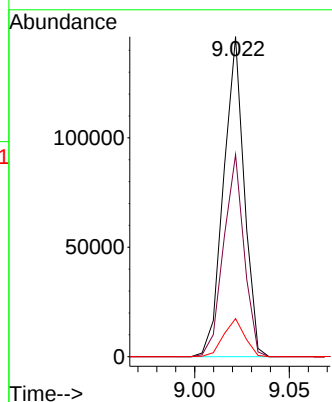
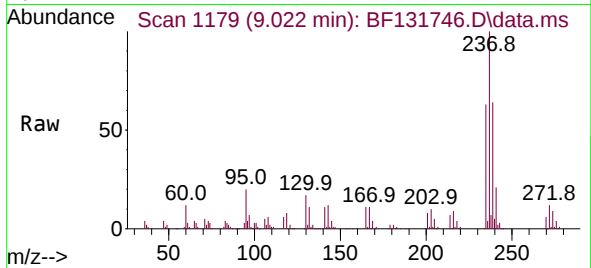




#41
Hexachlorocyclopentadiene
Concen: 41.873 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

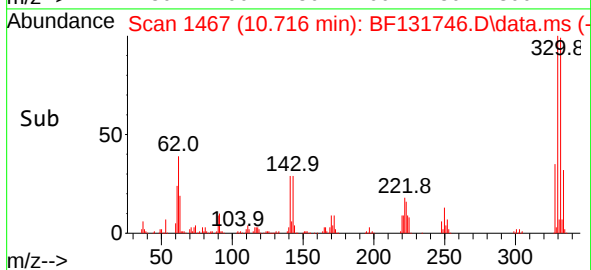
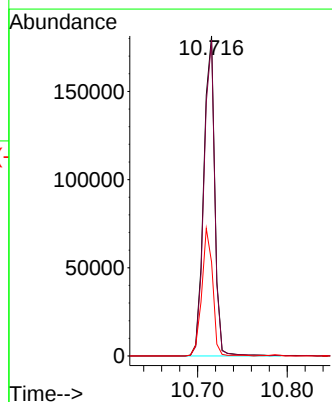
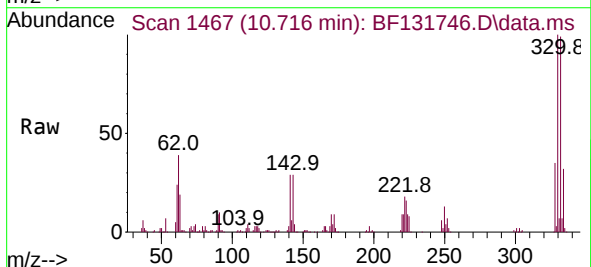
Instrument :
BNA_F
ClientSampleId :

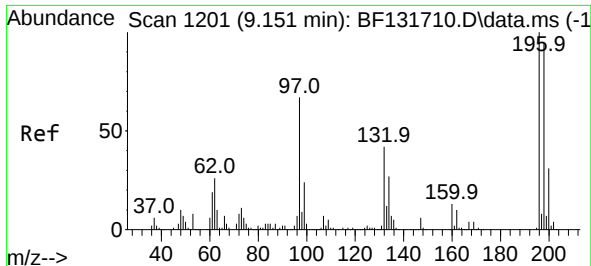
Tgt Ion:237 Resp: 110534
Ion Ratio Lower Upper
237 100
235 63.2 42.2 82.2
272 11.9 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 82.993 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion:330 Resp: 154700
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 39.3 30.4 45.6





#43

2,4,6-Trichlorophenol

Concen: 41.433 ng

RT: 9.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :

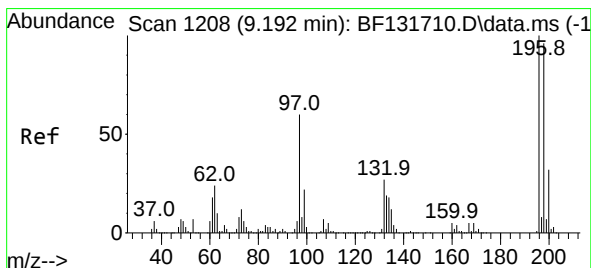
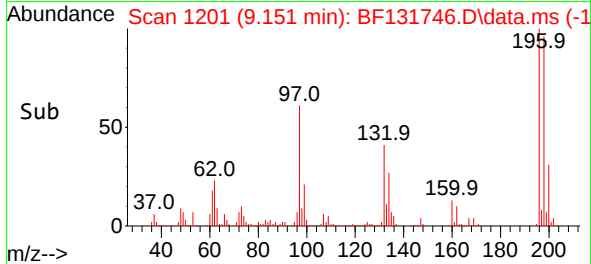
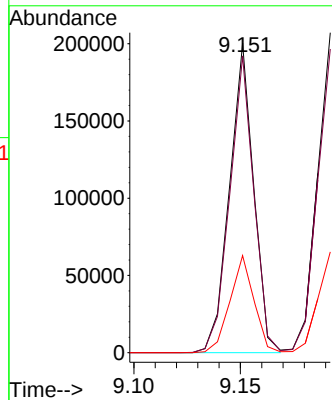
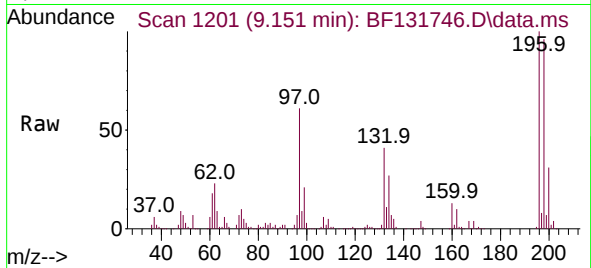
Tgt Ion:196 Resp: 157699

Ion Ratio Lower Upper

196 100

198 95.8 75.5 113.3

200 31.4 25.2 37.8



#44

2,4,5-Trichlorophenol

Concen: 42.365 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Tgt Ion:196 Resp: 174560

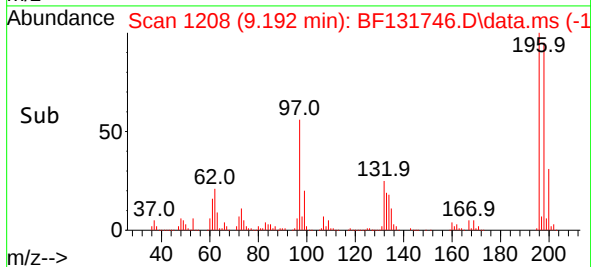
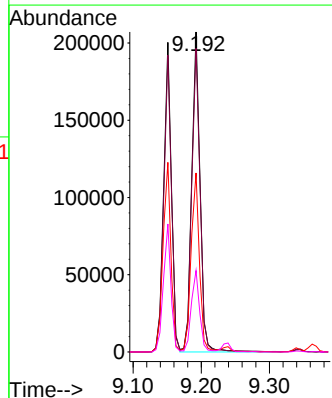
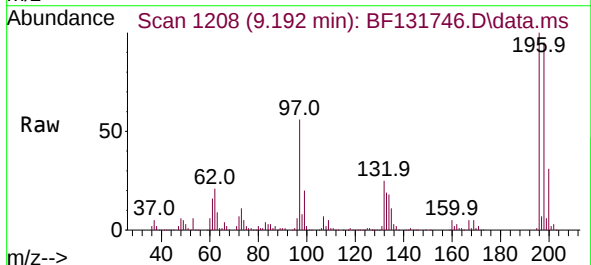
Ion Ratio Lower Upper

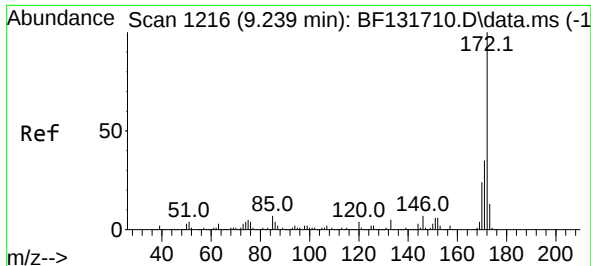
196 100

198 94.9 76.6 114.8

97 56.0 47.7 71.5

132 25.5 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 82.181 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :

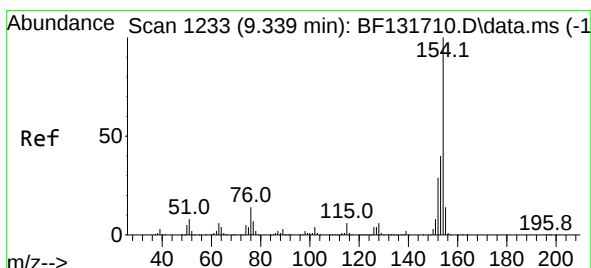
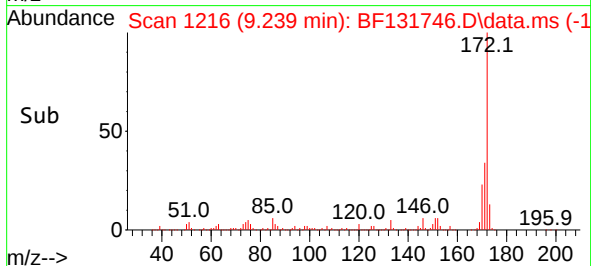
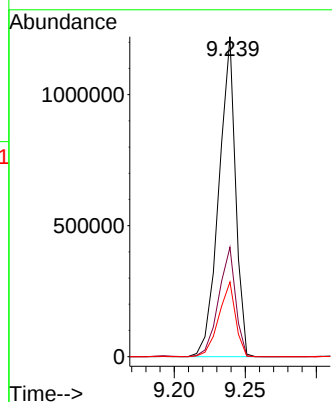
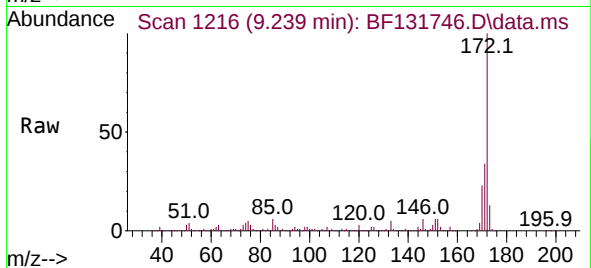
Tgt Ion:172 Resp: 999090

Ion Ratio Lower Upper

172 100

171 34.2 27.9 41.9

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.857 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

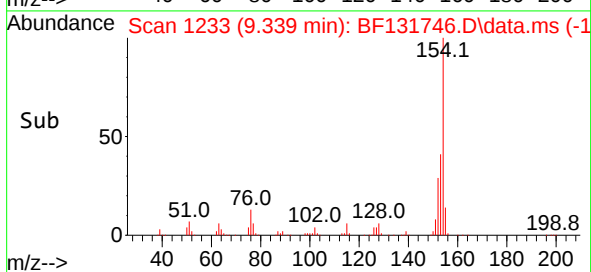
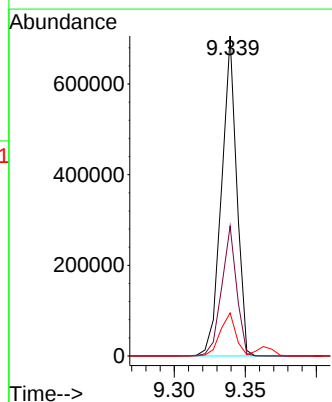
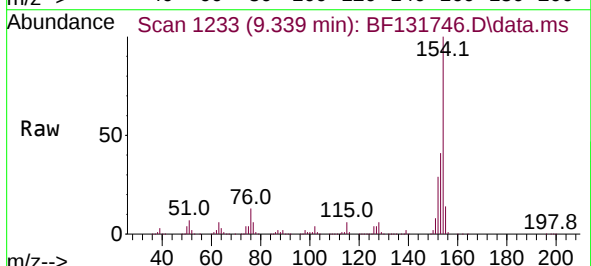
Tgt Ion:154 Resp: 523371

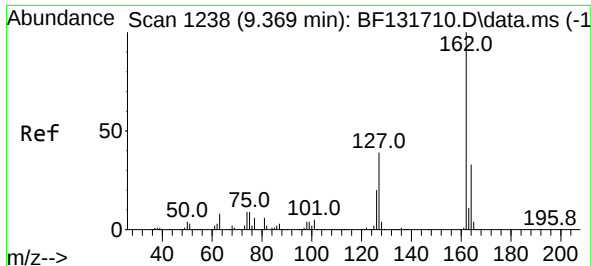
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

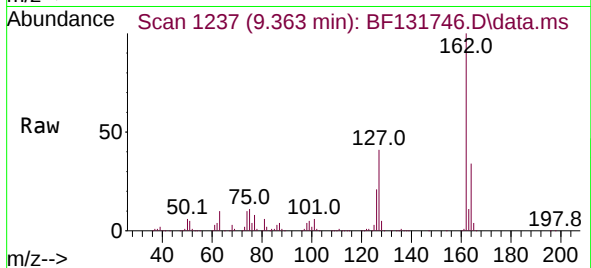
76 13.4 0.0 33.6



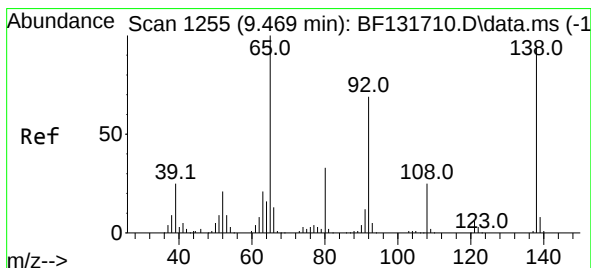
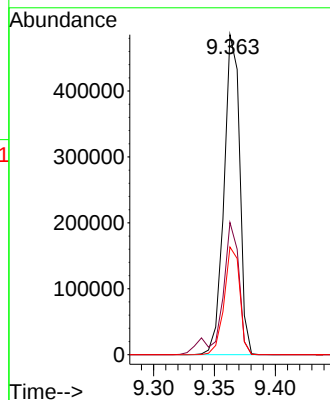
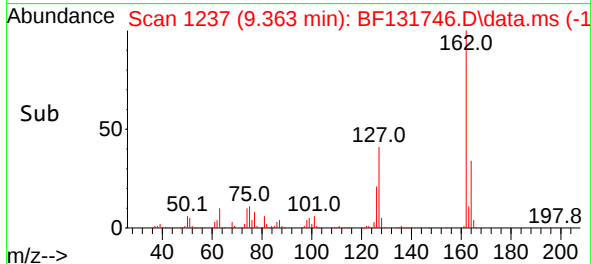


#47
2-Chloronaphthalene
Concen: 41.568 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

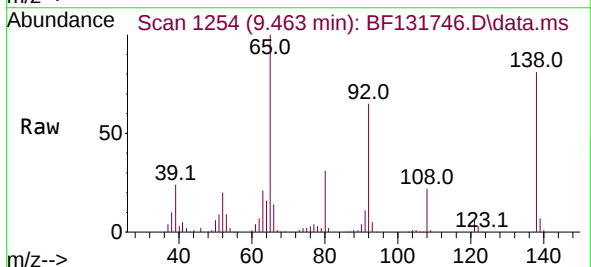
Instrument :
BNA_F
ClientSampleId :



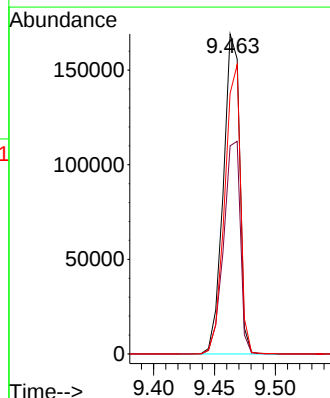
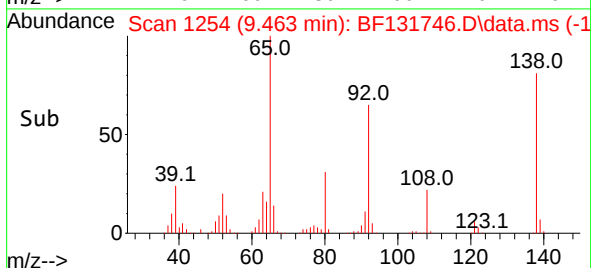
Tgt Ion:162 Resp: 436027
Ion Ratio Lower Upper
162 100
127 41.3 31.4 47.2
164 33.6 26.6 39.8

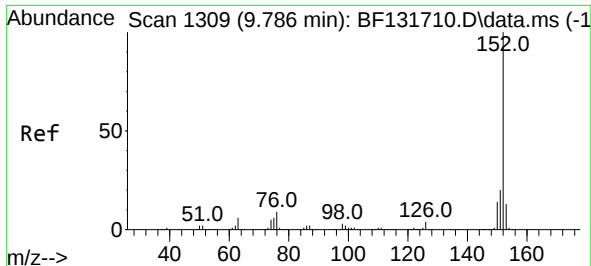


#48
2-Nitroaniline
Concen: 42.031 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03



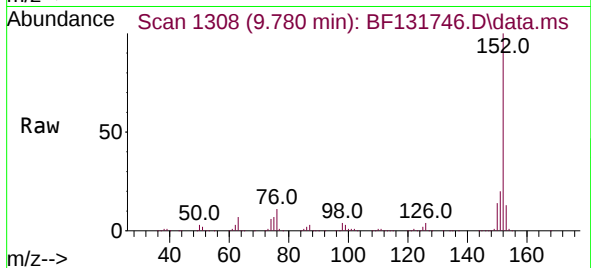
Tgt Ion: 65 Resp: 158907
Ion Ratio Lower Upper
65 100
92 65.1 55.5 83.3
138 81.5 74.8 112.2



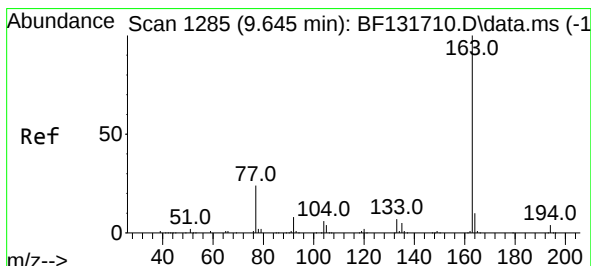
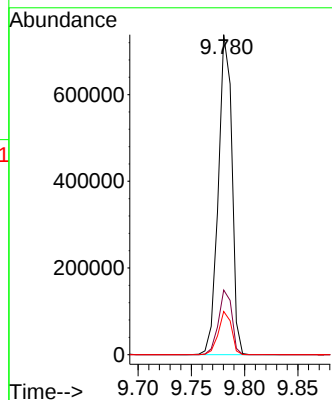
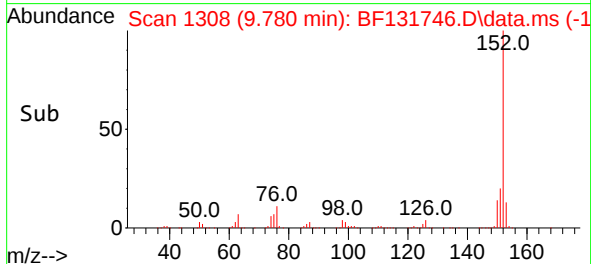


#49
Acenaphthylene
Concen: 41.424 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

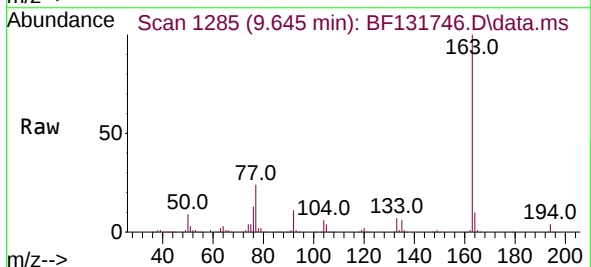
Instrument :
BNA_F
ClientSampleId :



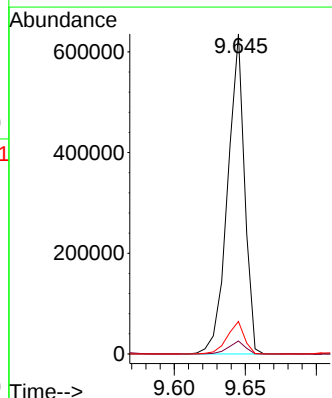
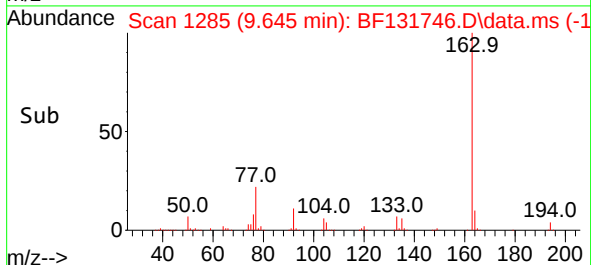
Tgt Ion:152 Resp: 651725
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.5 10.6 15.8

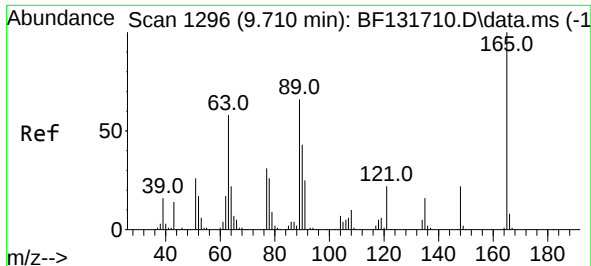


#50
Dimethylphthalate
Concen: 41.075 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03



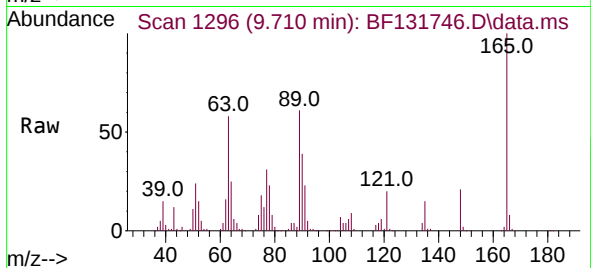
Tgt Ion:163 Resp: 526345
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.4



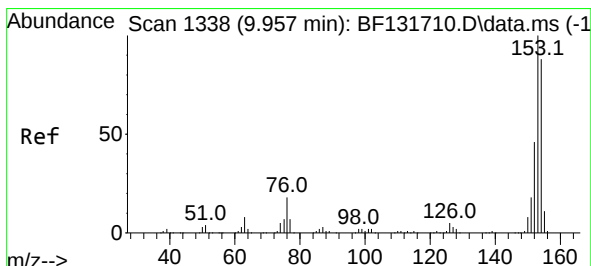
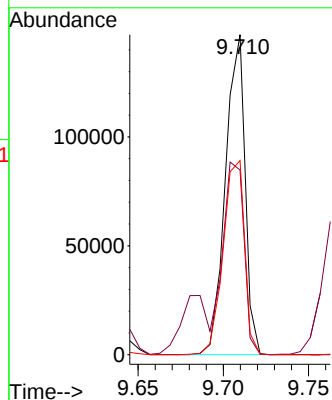
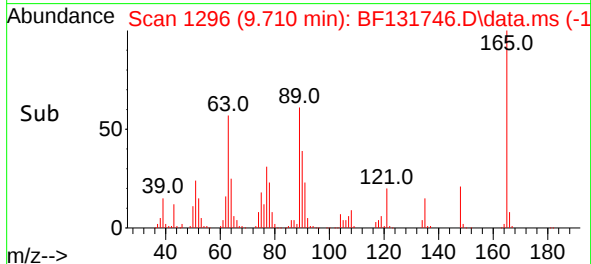


#51
2,6-Dinitrotoluene
Concen: 42.744 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Instrument :
BNA_F
ClientSampleId :

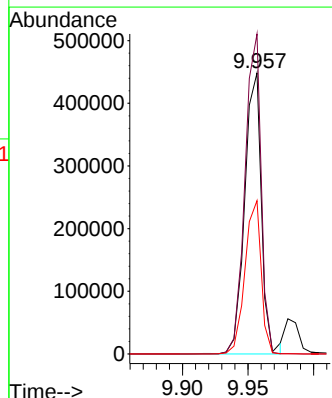
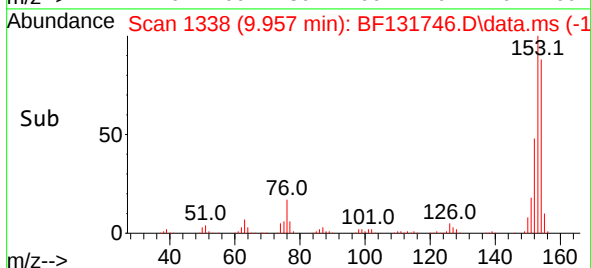
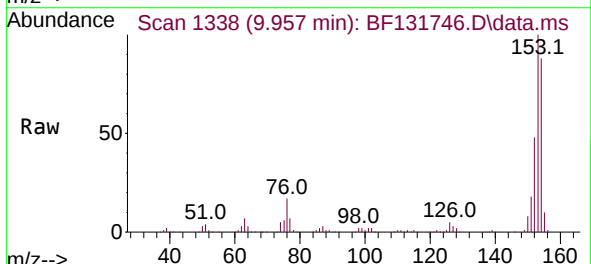


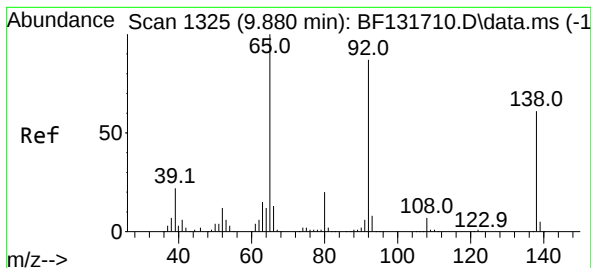
Tgt Ion:165 Resp: 117776
Ion Ratio Lower Upper
165 100
63 57.7 51.8 77.8
89 60.7 53.2 79.8



#52
Acenaphthene
Concen: 41.432 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion:154 Resp: 399318
Ion Ratio Lower Upper
154 100
153 113.9 90.4 135.6
152 54.6 42.0 63.0





#53

3-Nitroaniline

Concen: 40.556 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :

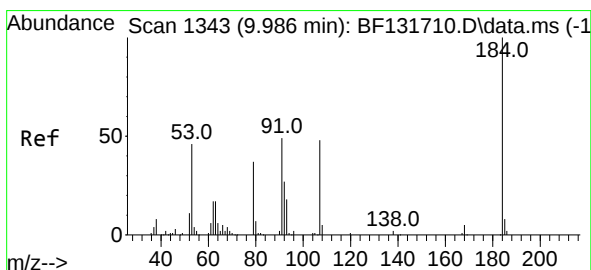
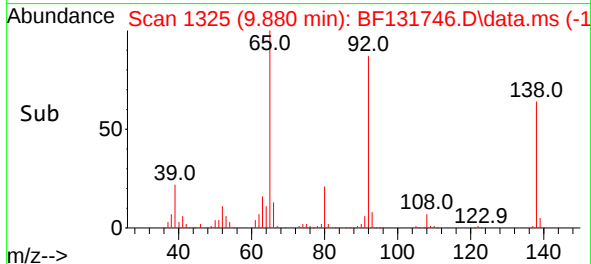
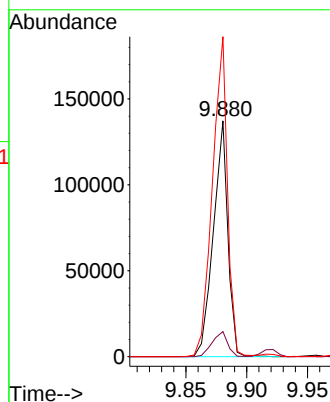
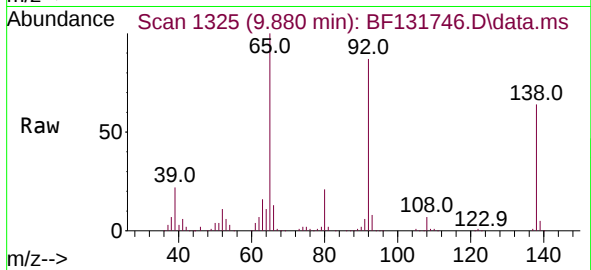
Tgt Ion:138 Resp: 114341

Ion Ratio Lower Upper

138 100

108 10.6 9.2 13.8

92 135.7 114.6 171.8



#54

2,4-Dinitrophenol

Concen: 41.788 ng

RT: 9.980 min Scan# 1342

Delta R.T. -0.006 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

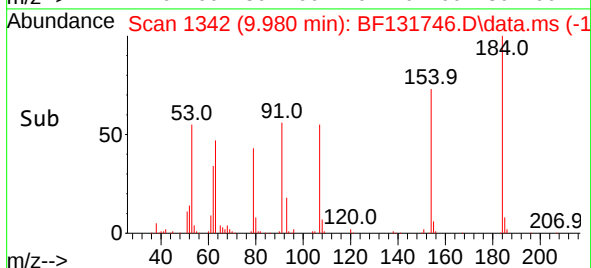
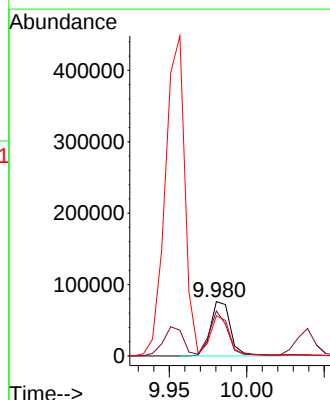
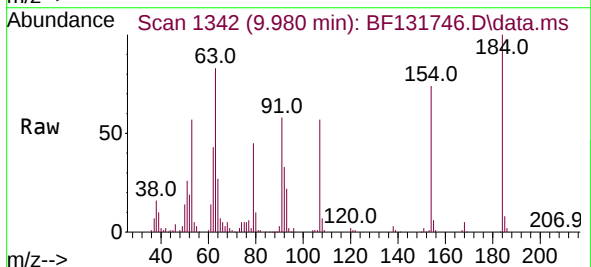
Tgt Ion:184 Resp: 68991

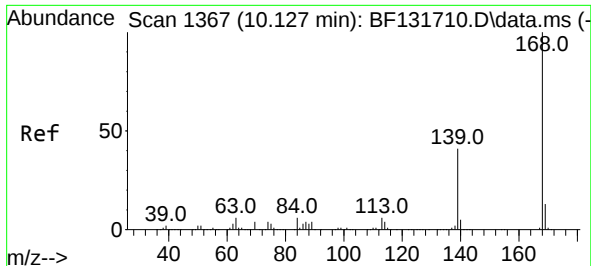
Ion Ratio Lower Upper

184 100

63 82.5 55.8 83.8

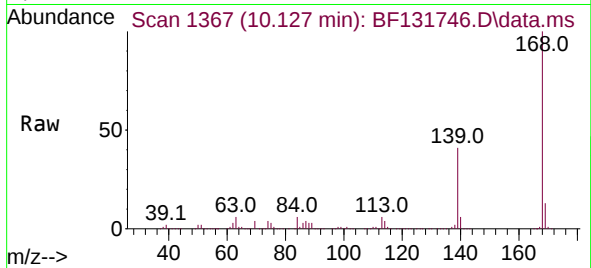
154 73.7 57.1 85.7



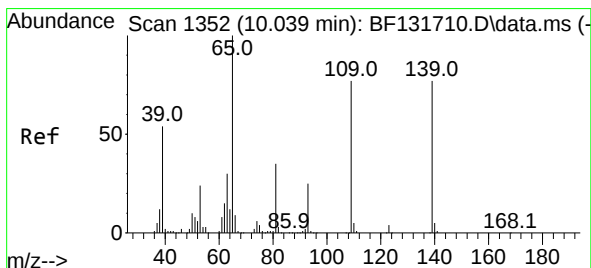
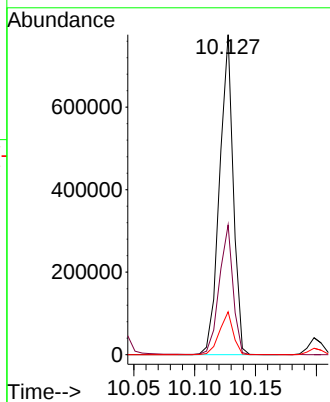
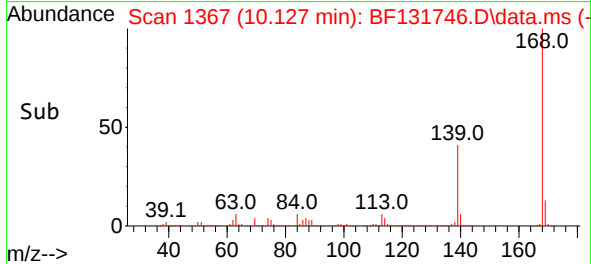


#55
Dibenzofuran
Concen: 41.191 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

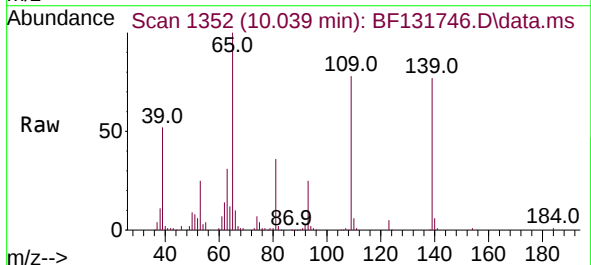
Instrument :
BNA_F
ClientSampleId :



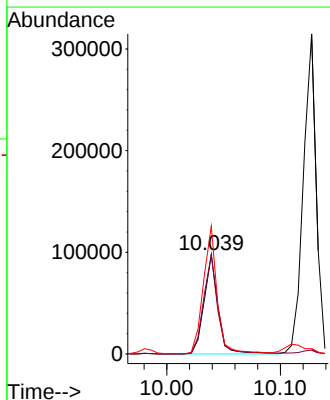
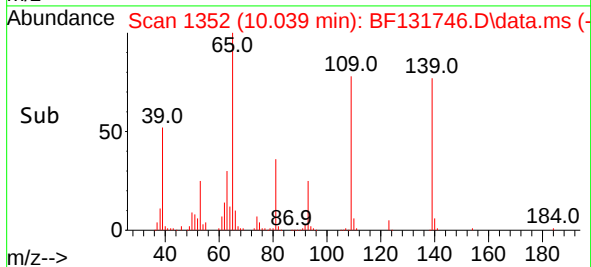
Tgt Ion:168 Resp: 608759
Ion Ratio Lower Upper
168 100
139 40.6 32.7 49.1
169 13.4 10.6 16.0

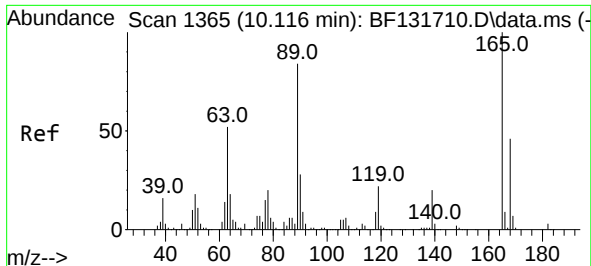


#56
4-Nitrophenol
Concen: 41.106 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03



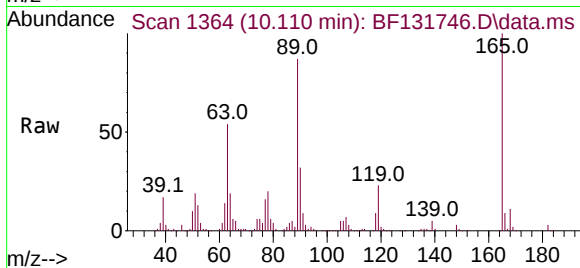
Tgt Ion:139 Resp: 82947
Ion Ratio Lower Upper
139 100
109 100.4 79.9 119.9
65 129.1 110.2 150.2



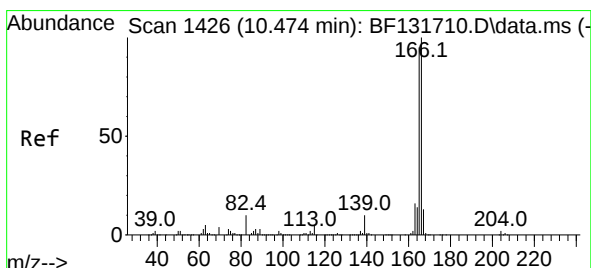
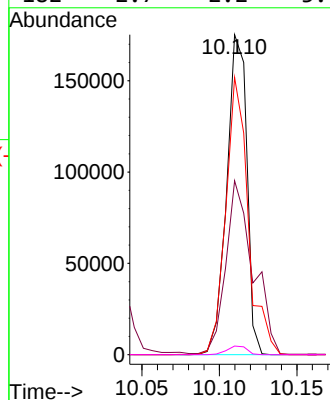
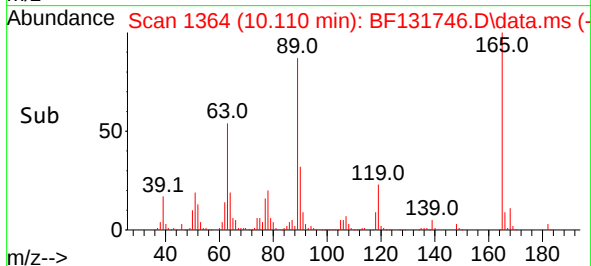


#57
2,4-Dinitrotoluene
Concen: 42.770 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

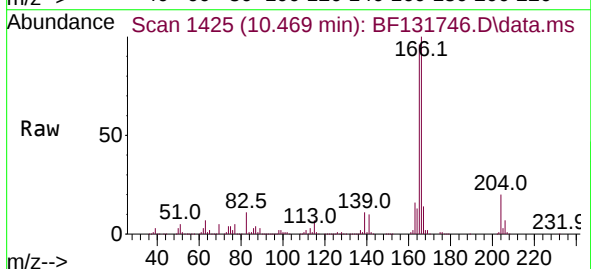
Instrument :
BNA_F
ClientSampleId :



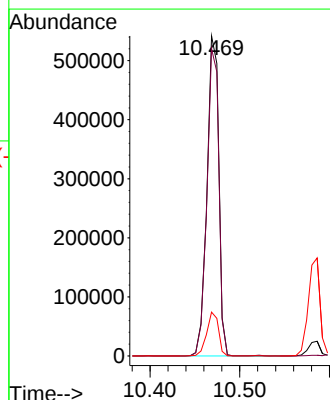
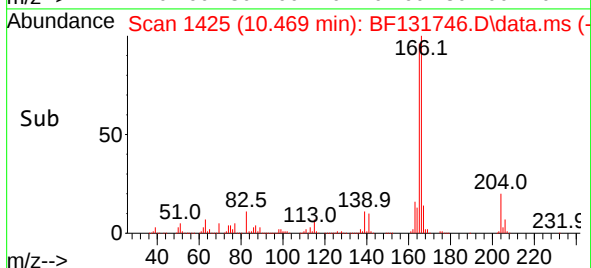
Tgt Ion:165 Resp: 158358
Ion Ratio Lower Upper
165 100
63 54.3 41.5 62.3
89 86.6 67.0 100.4
182 2.7 2.2 3.4

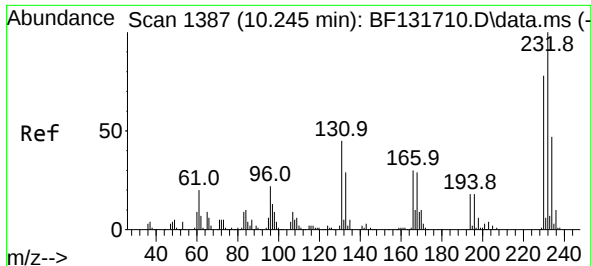


#58
Fluorene
Concen: 41.499 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03



Tgt Ion:166 Resp: 495870
Ion Ratio Lower Upper
166 100
165 96.0 75.8 113.8
167 13.7 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.998 ng

RT: 10.198 min Scan# 1387

Delta R.T. -0.047 min

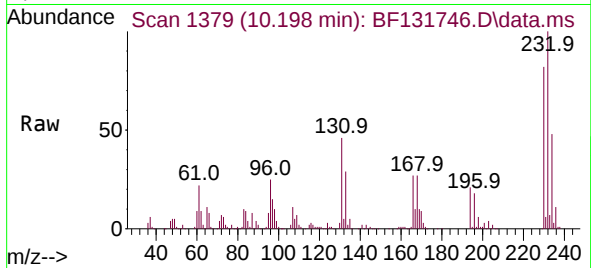
Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:232 Resp: 134147

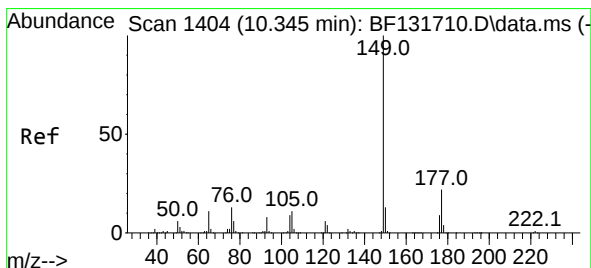
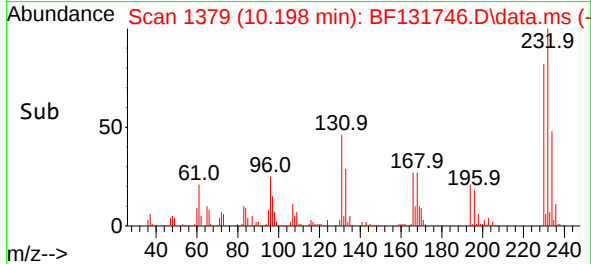
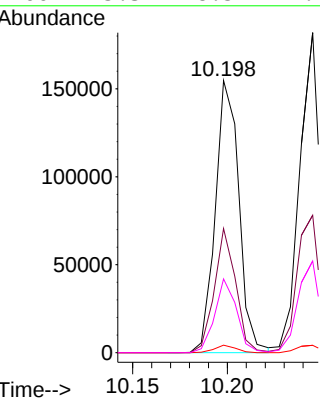
Ion Ratio Lower Upper

232 100

131 41.3 29.9 44.9

130 2.5 1.7 2.5

166 25.3 18.5 27.7



#60

Diethylphthalate

Concen: 42.047 ng

RT: 10.345 min Scan# 1404

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

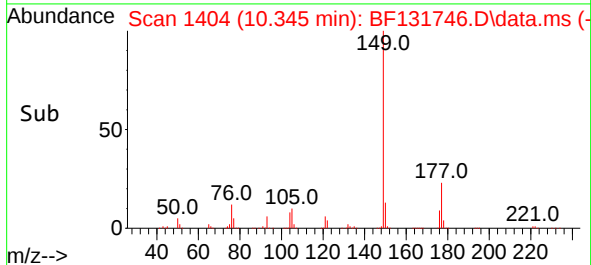
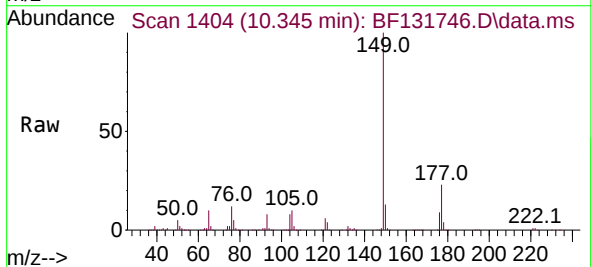
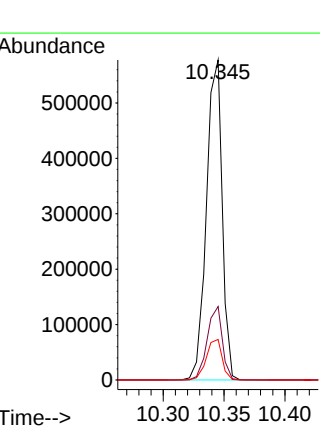
Tgt Ion:149 Resp: 519165

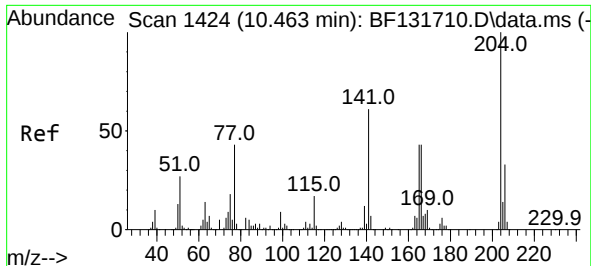
Ion Ratio Lower Upper

149 100

177 23.0 17.4 26.0

150 12.7 10.2 15.2

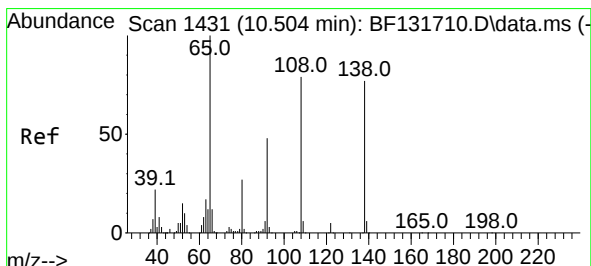
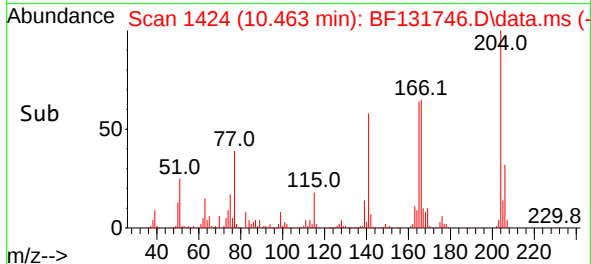
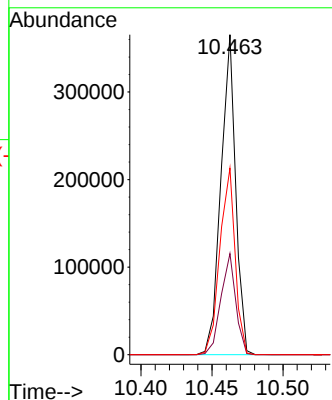
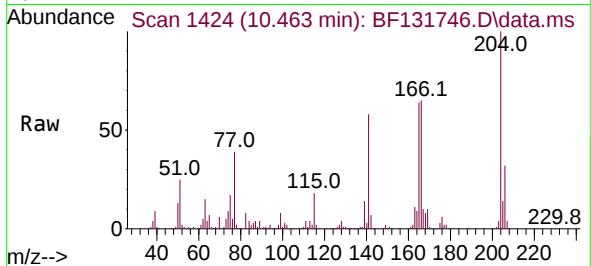




#61
4-Chlorophenyl-phenylether
Concen: 41.498 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

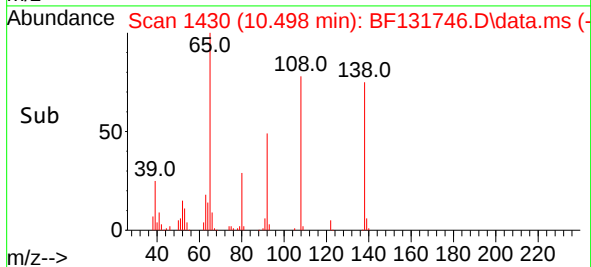
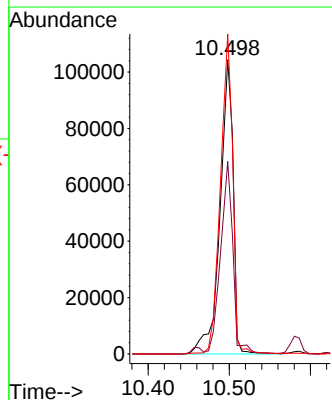
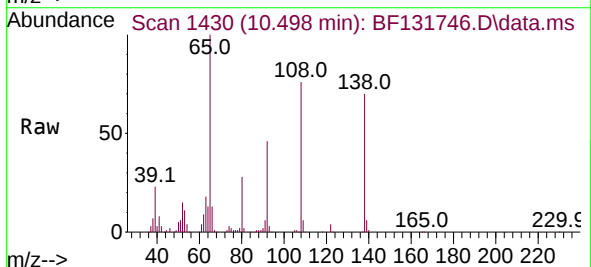
Instrument :
BNA_F
ClientSampleId :

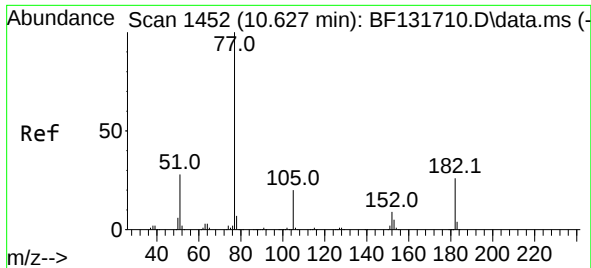
Tgt Ion:204 Resp: 263545
Ion Ratio Lower Upper
204 100
206 31.6 26.6 40.0
141 58.3 48.6 72.8



#62
4-Nitroaniline
Concen: 41.418 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

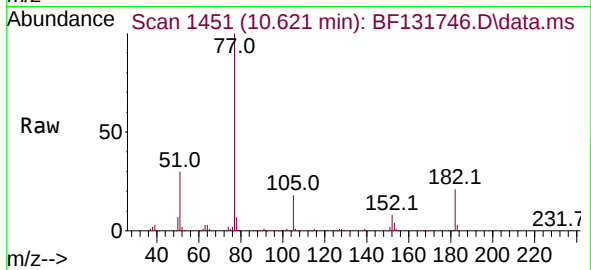
Tgt Ion:138 Resp: 117521
Ion Ratio Lower Upper
138 100
92 65.4 42.1 82.1
108 108.7 83.1 123.1





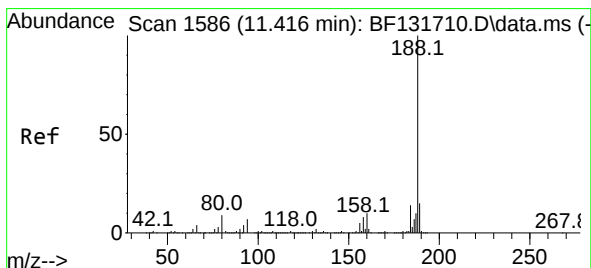
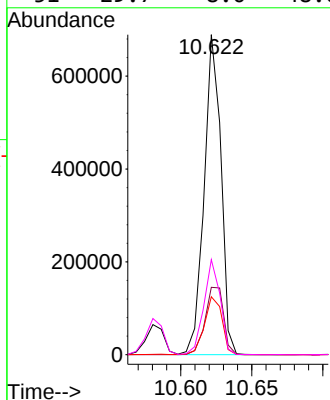
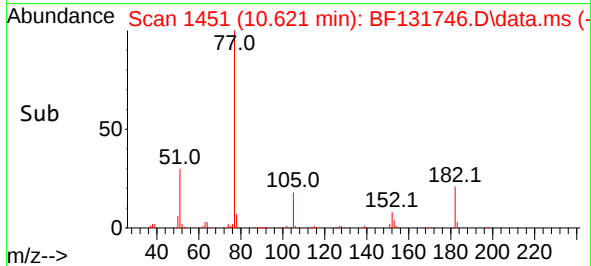
#63
Azobenzene
Concen: 41.863 ng
RT: 10.621 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Instrument :
BNA_F
ClientSampleId :

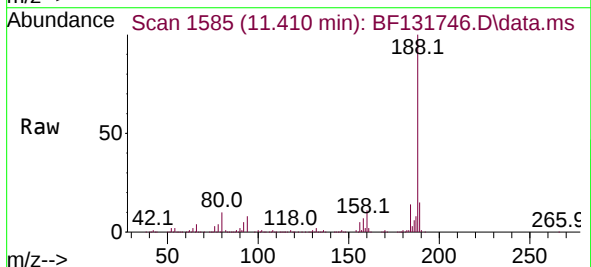


Tgt Ion: 77 Resp: 567632

Ion	Ratio	Lower	Upper
77	100		
182	21.0	5.8	45.8
105	18.1	0.0	39.7
51	29.7	8.0	48.0

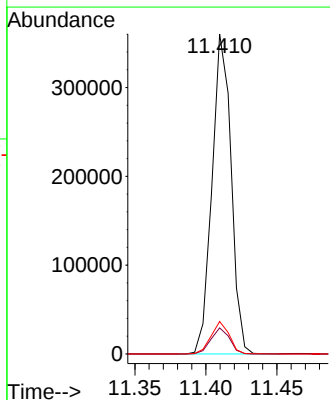
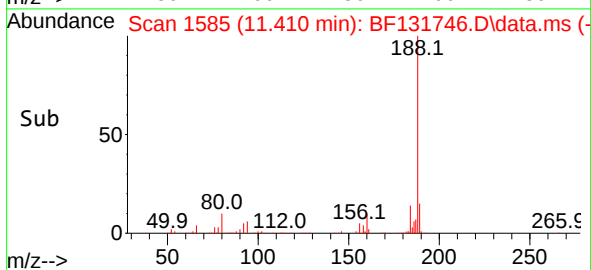


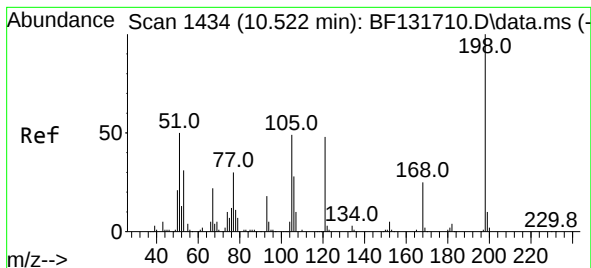
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03



Tgt Ion: 188 Resp: 336023

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.9	8.9
80	10.1	7.0	10.6

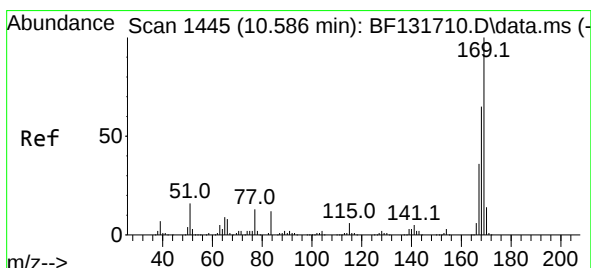
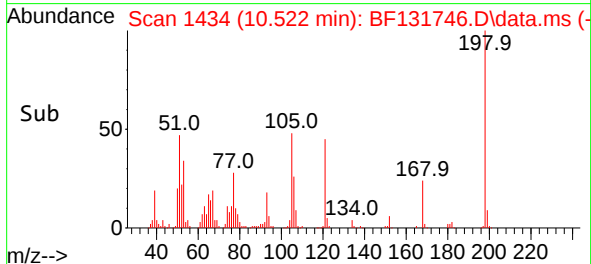
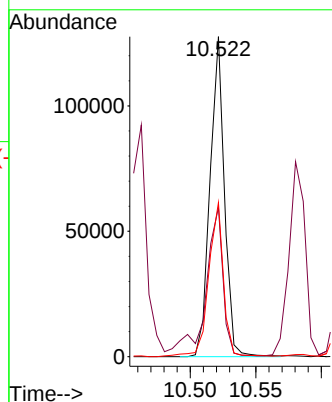
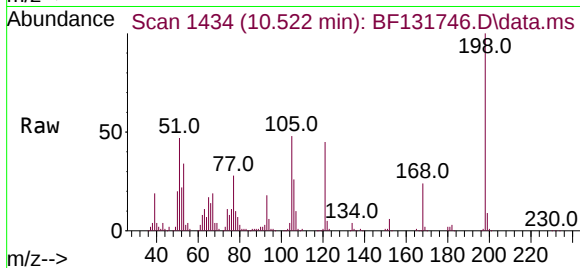




#65
4,6-Dinitro-2-methylphenol
Concen: 42.407 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

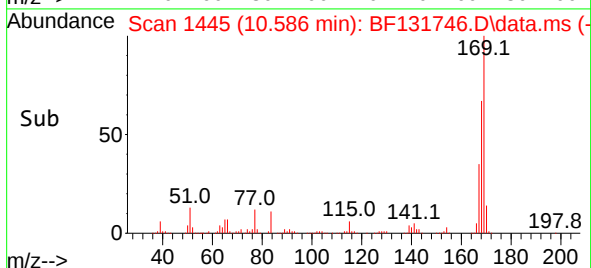
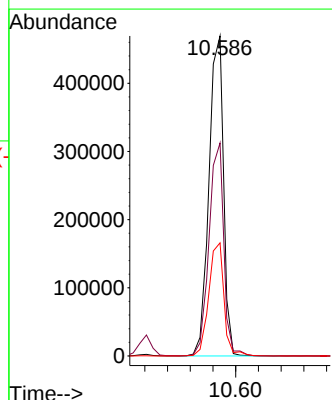
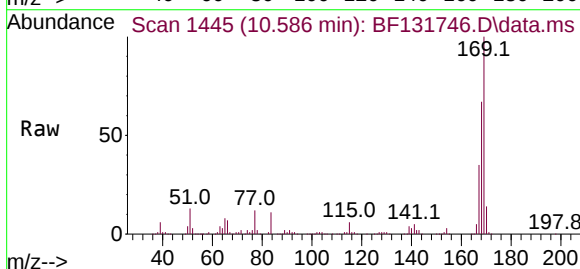
Instrument :
BNA_F
ClientSampleId :

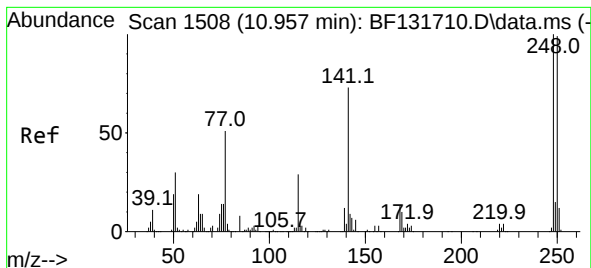
Tgt Ion:198 Resp: 97832
Ion Ratio Lower Upper
198 100
51 46.7 34.1 74.1
105 48.1 29.7 69.7



#66
n-Nitrosodiphenylamine
Concen: 40.030 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion:169 Resp: 417127
Ion Ratio Lower Upper
169 100
168 66.5 52.4 78.6
167 35.4 28.6 42.8

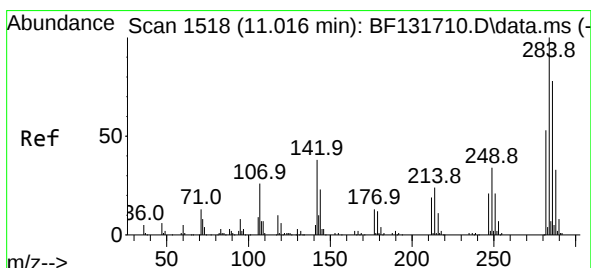
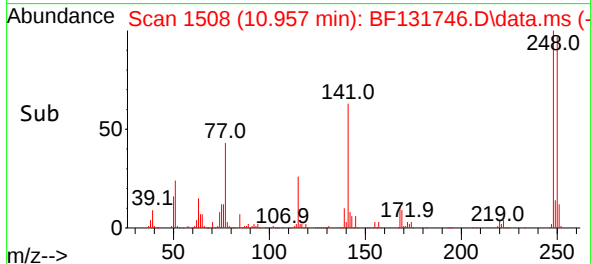
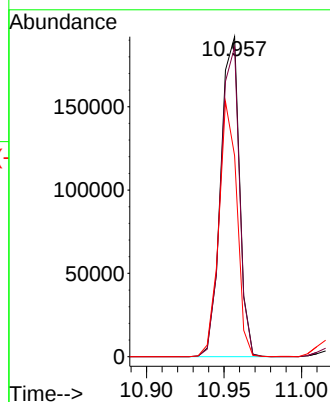
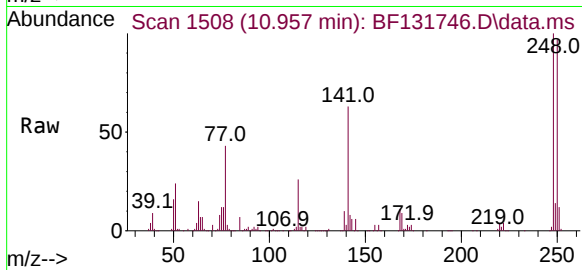




#67
4-Bromophenyl-phenylether
Concen: 40.691 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

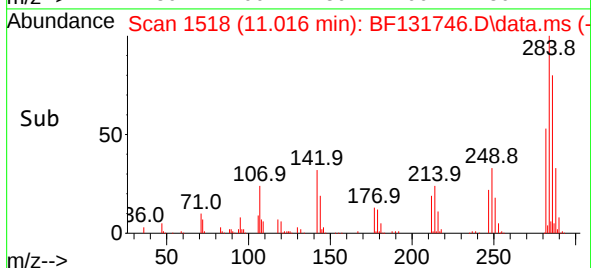
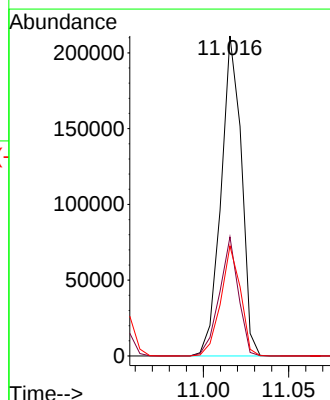
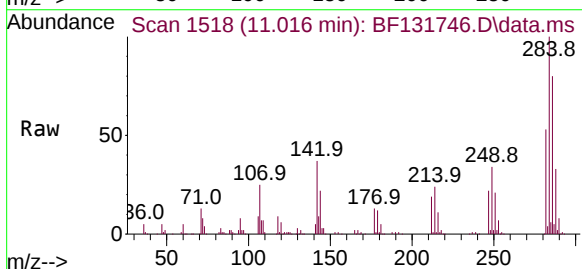
Instrument :
BNA_F
ClientSampleId :

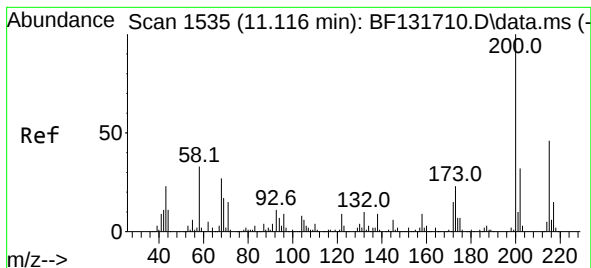
Tgt Ion:248 Resp: 161487
Ion Ratio Lower Upper
248 100
250 96.8 79.4 119.0
141 62.8 58.1 87.1



#68
Hexachlorobenzene
Concen: 40.122 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion:284 Resp: 175125
Ion Ratio Lower Upper
284 100
142 37.2 30.2 45.4
249 34.4 27.2 40.8





#69

Atrazine

Concen: 41.807 ng

RT: 11.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :

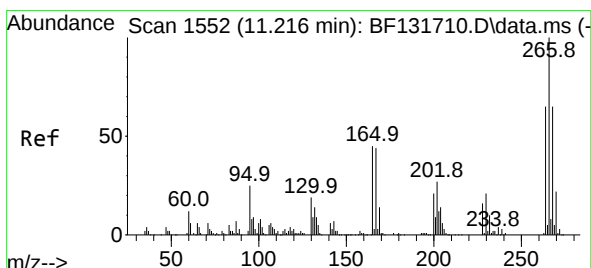
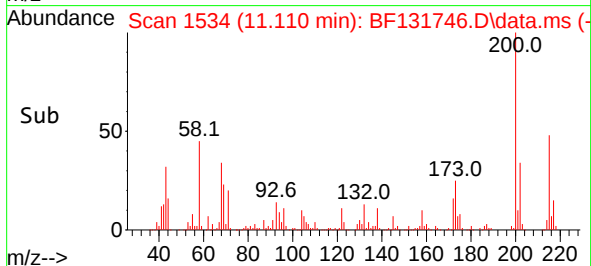
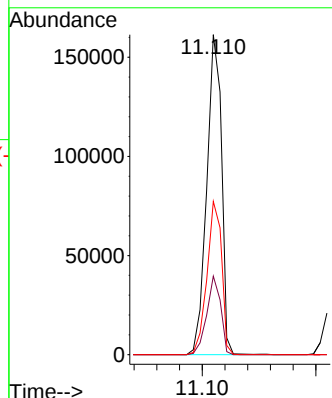
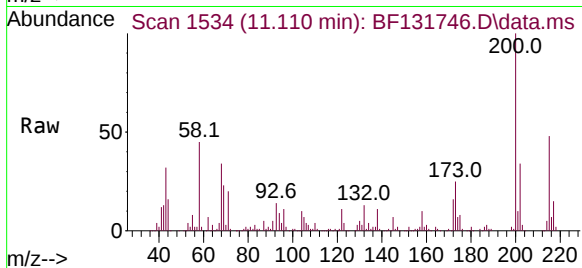
Tgt Ion:200 Resp: 145218

Ion Ratio Lower Upper

200 100

173 24.5 2.7 42.7

215 47.9 26.4 66.4



#70

Pentachlorophenol

Concen: 42.363 ng

RT: 11.216 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

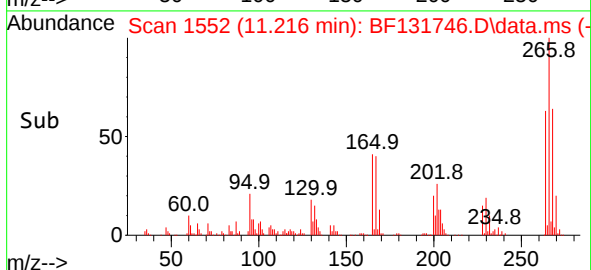
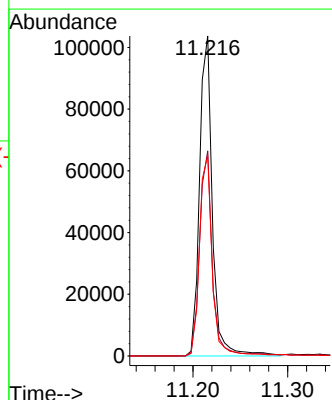
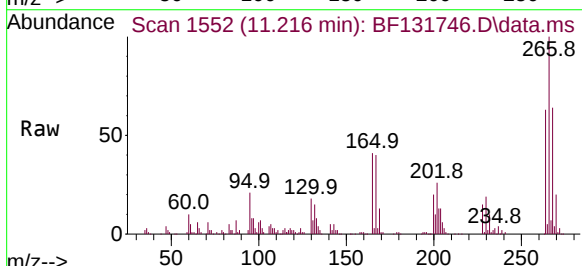
Tgt Ion:266 Resp: 98140

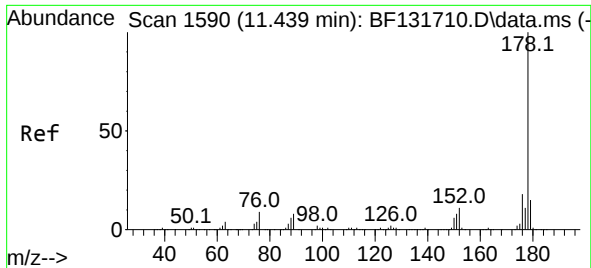
Ion Ratio Lower Upper

266 100

268 64.1 52.2 78.4

264 62.6 52.0 78.0

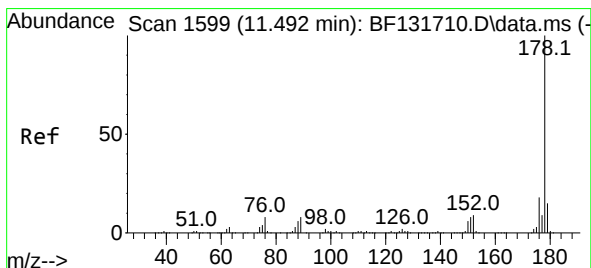
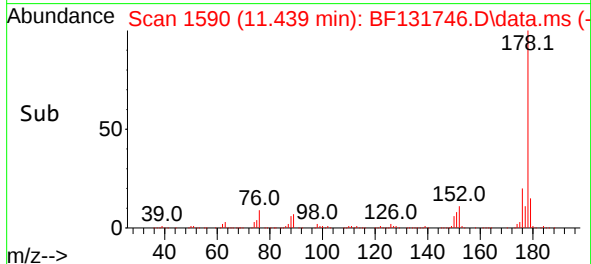
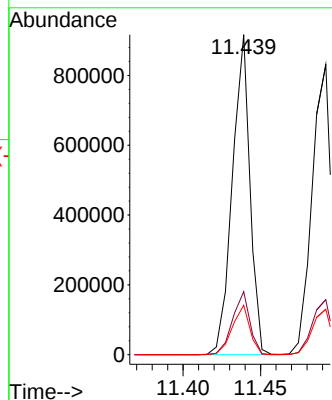
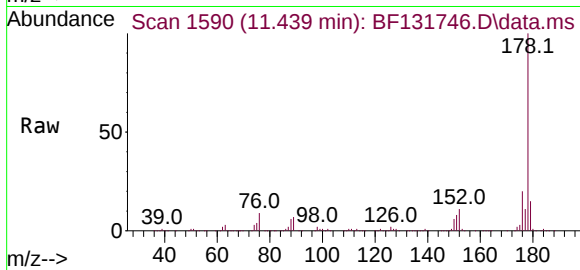




#71
Phenanthrene
Concen: 39.523 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

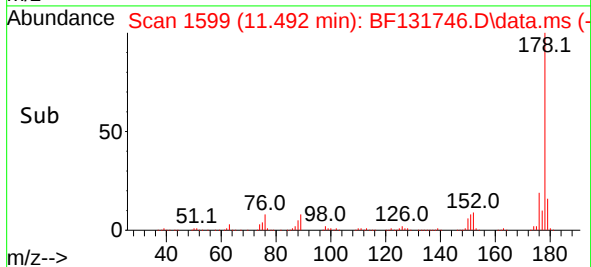
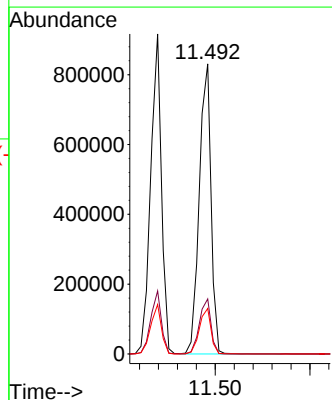
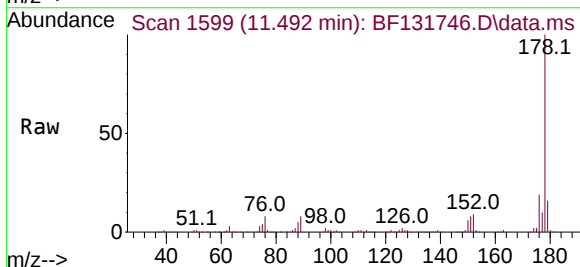
Instrument :
BNA_F
ClientSampleId :

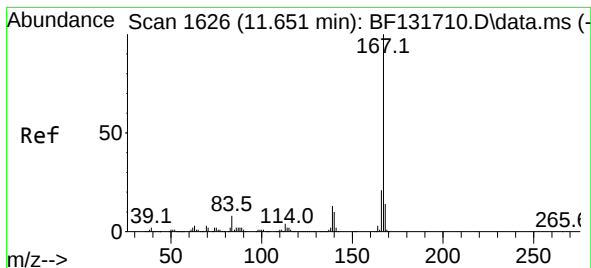
Tgt Ion:178 Resp: 724176
Ion Ratio Lower Upper
178 100
176 19.7 14.8 22.2
179 15.4 12.2 18.4



#72
Anthracene
Concen: 40.020 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Tgt Ion:178 Resp: 717974
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.7 12.2 18.4





#73

Carbazole

Concen: 40.295 ng

RT: 11.645 min Scan# 1625

Delta R.T. -0.006 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :

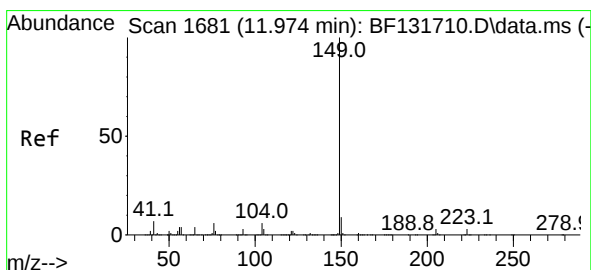
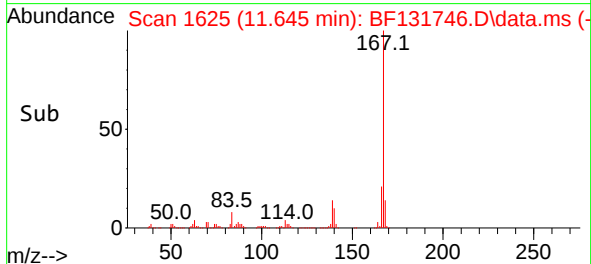
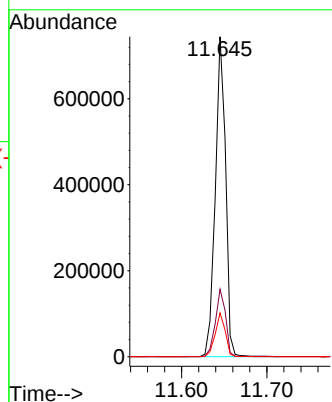
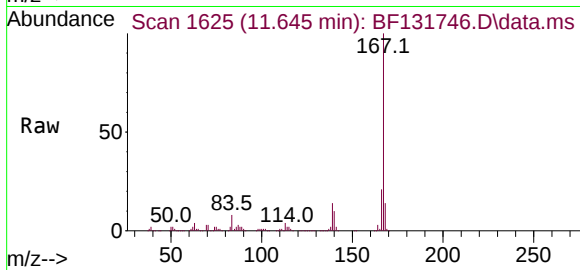
Tgt Ion:167 Resp: 625442

Ion Ratio Lower Upper

167 100

166 21.1 17.1 25.7

139 13.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 41.865 ng

RT: 11.974 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

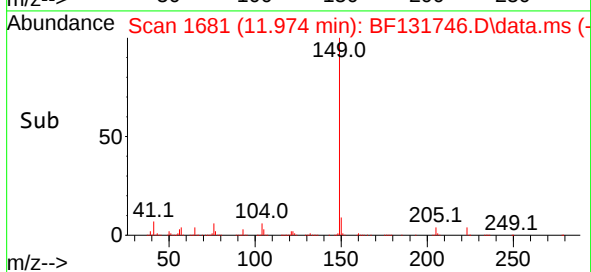
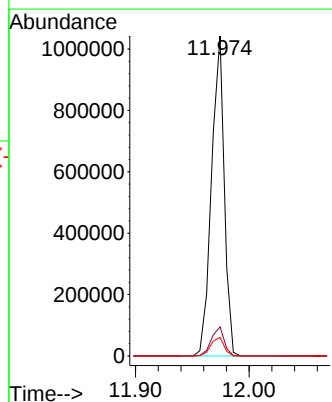
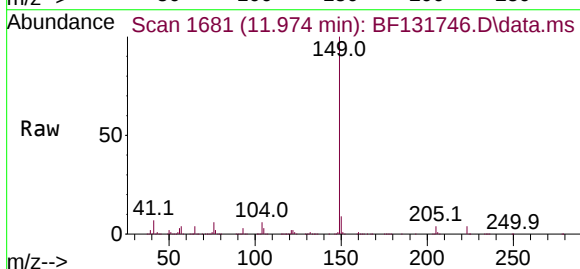
Tgt Ion:149 Resp: 809140

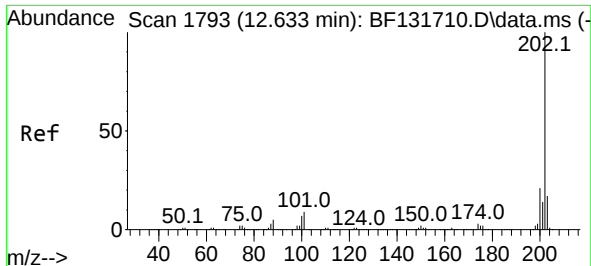
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.8 5.0 7.4

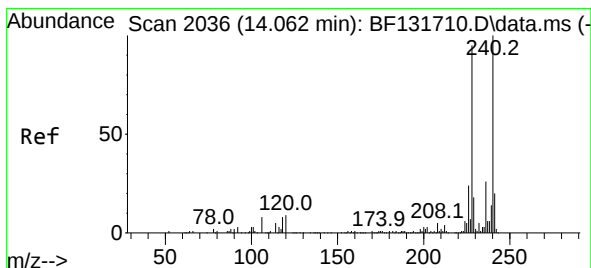
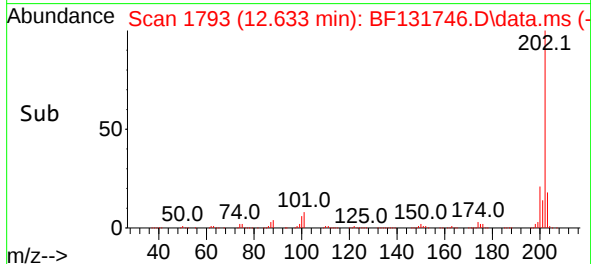
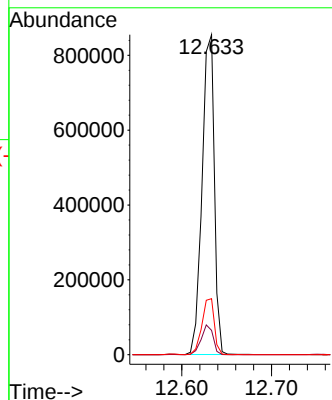
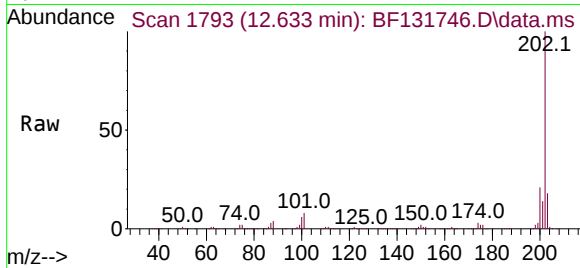




#75
Fluoranthene
Concen: 39.772 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

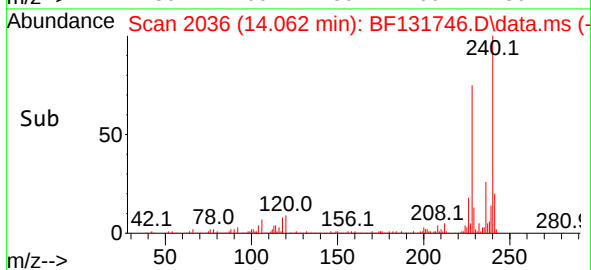
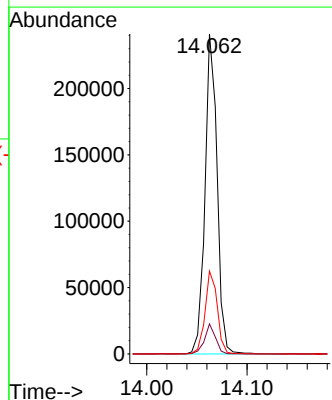
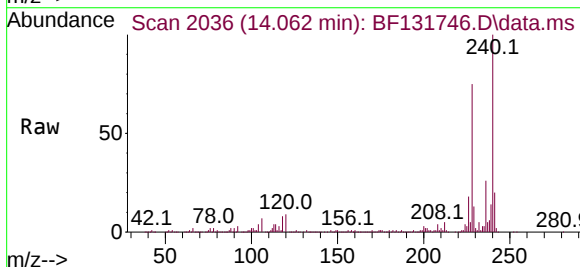
Instrument :
BNA_F
ClientSampleId :

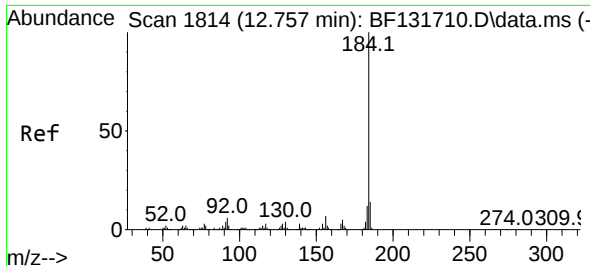
Tgt Ion:202 Resp: 811590
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.8
203 17.5 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

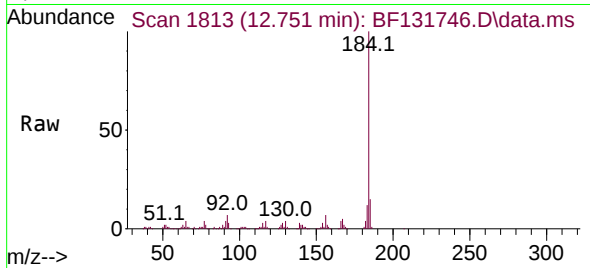
Tgt Ion:240 Resp: 203081
Ion Ratio Lower Upper
240 100
120 9.4 7.6 11.4
236 25.9 21.2 31.8



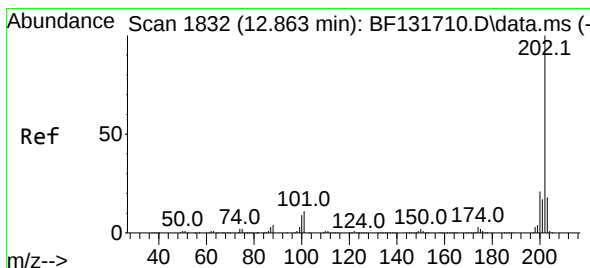
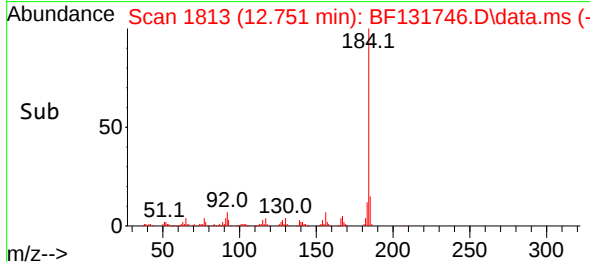
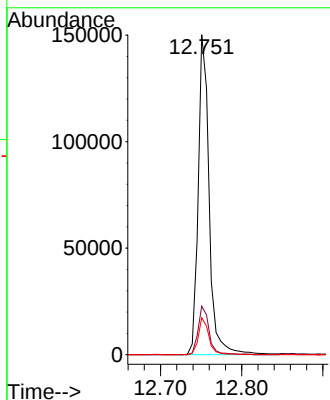


#77
Benzidine
Concen: 37.917 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

Instrument :
BNA_F
ClientSampleId :

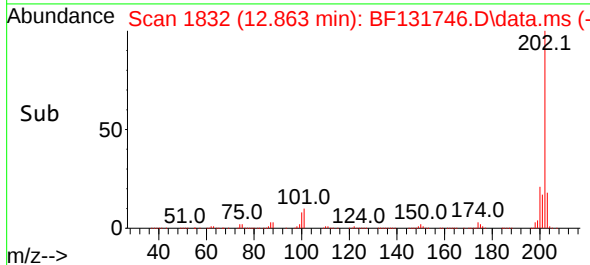
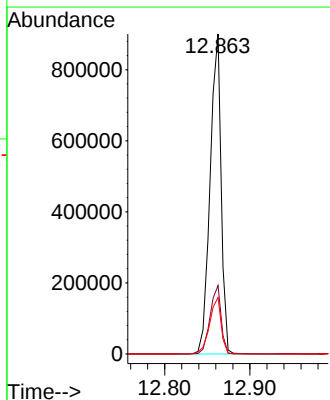
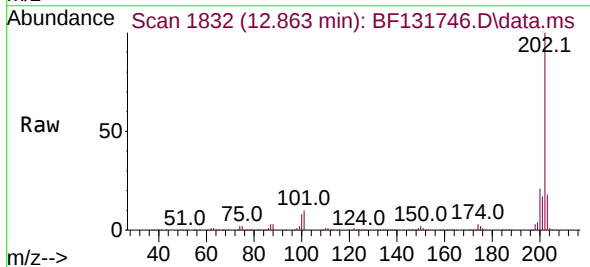


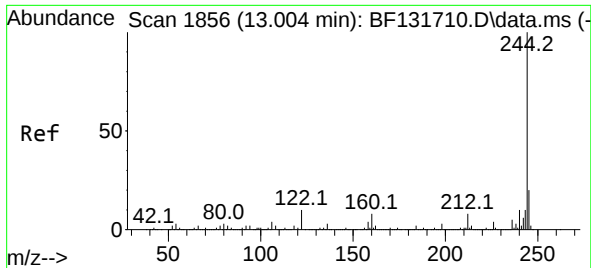
Tgt Ion:184 Resp: 141198
Ion Ratio Lower Upper
184 100
185 15.2 11.3 16.9
183 11.6 9.3 13.9



#78
Pyrene
Concen: 43.867 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131746.D
Acq: 21 Dec 2022 15:03

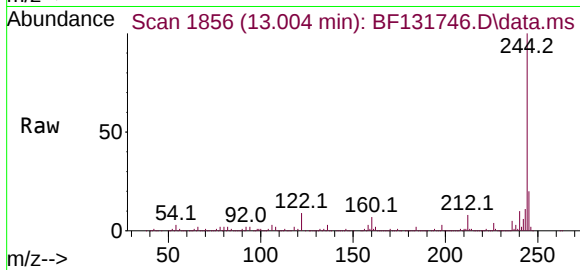
Tgt Ion:202 Resp: 809959
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.6 14.1 21.1



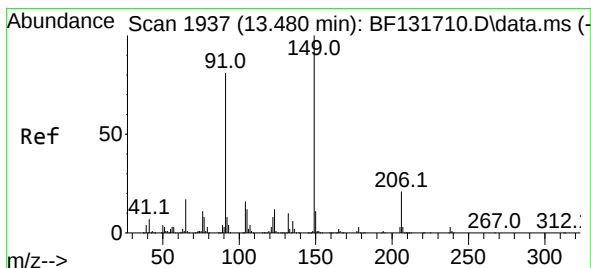
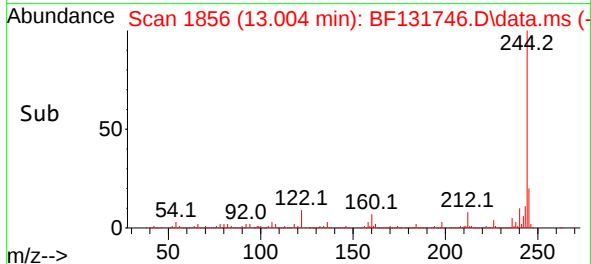
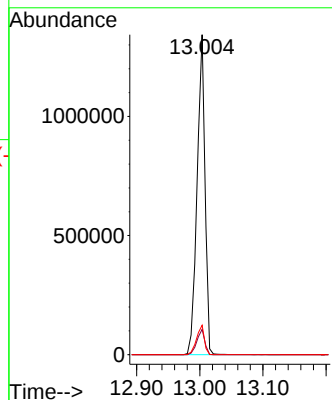


#79
 Terphenyl-d14
 Concen: 89.584 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131746.D
 Acq: 21 Dec 2022 15:03

Instrument :
 BNA_F
 ClientSampleId :

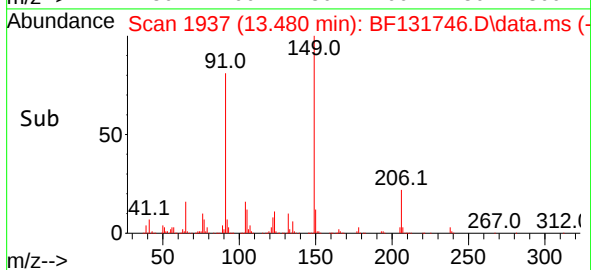
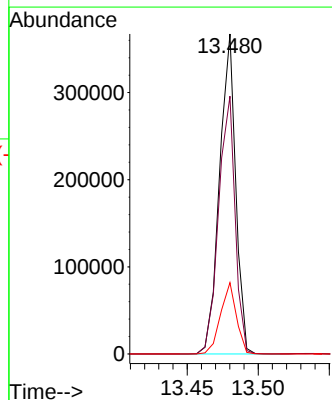
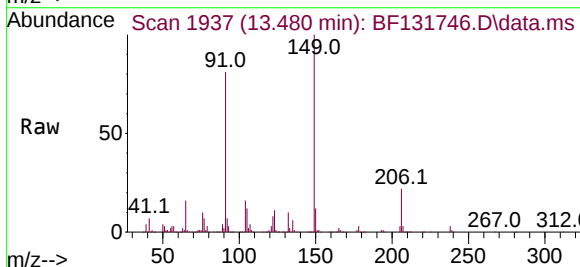


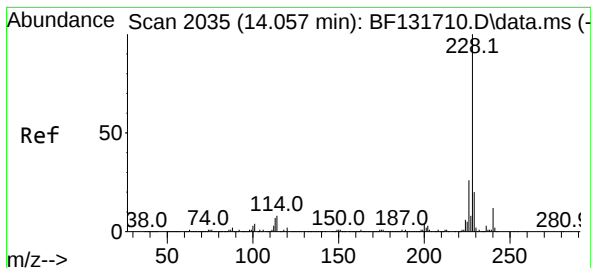
Tgt Ion:244 Resp: 1167310
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.2 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 44.635 ng
 RT: 13.480 min Scan# 1937
 Delta R.T. 0.000 min
 Lab File: BF131746.D
 Acq: 21 Dec 2022 15:03

Tgt Ion:149 Resp: 290672
 Ion Ratio Lower Upper
 149 100
 91 80.6 64.9 97.3
 206 22.3 17.0 25.4





#81

Benzo(a)anthracene

Concen: 42.932 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :

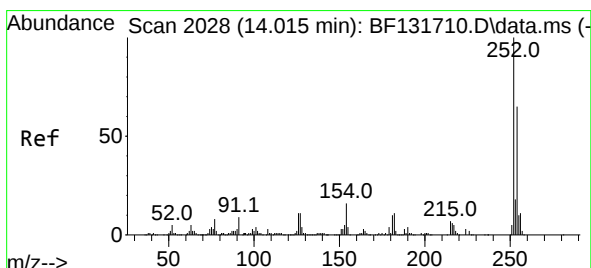
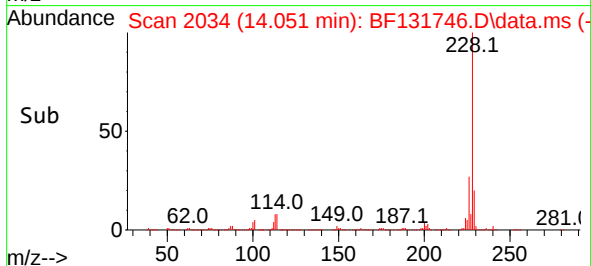
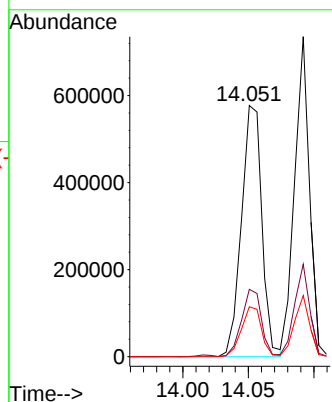
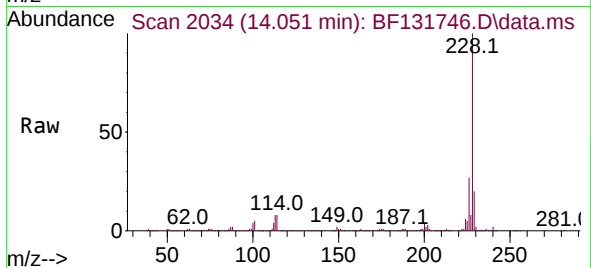
Tgt Ion:228 Resp: 627921

Ion Ratio Lower Upper

228 100

226 26.8 21.0 31.4

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 43.546 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

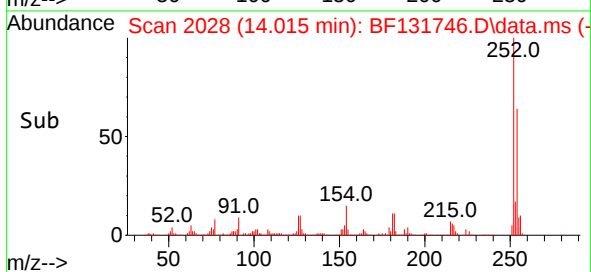
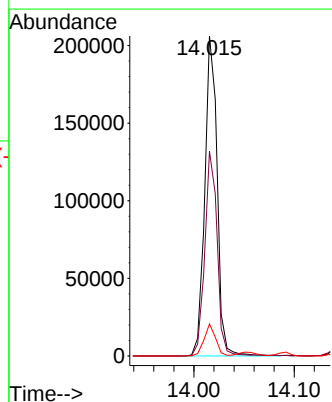
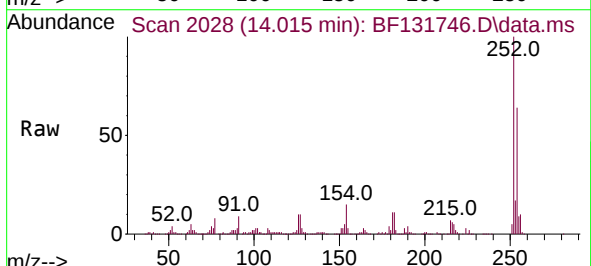
Tgt Ion:252 Resp: 177818

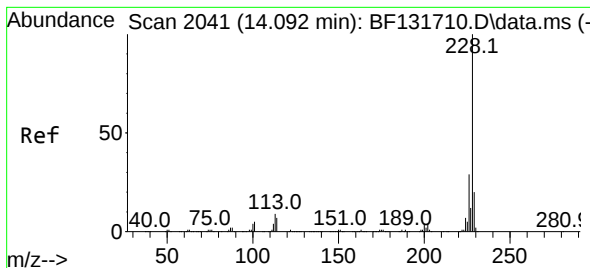
Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

126 10.0 8.4 12.6





#83

Chrysene

Concen: 42.412 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.000 min

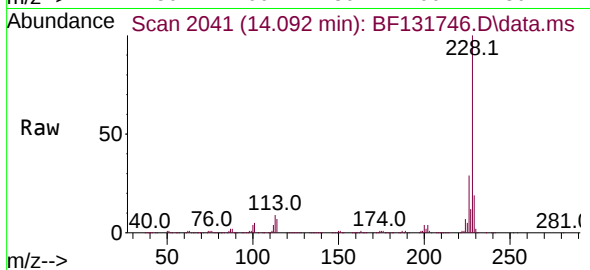
Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :



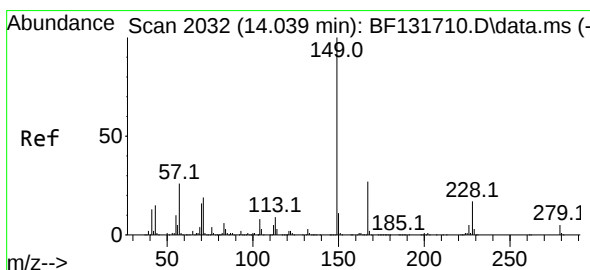
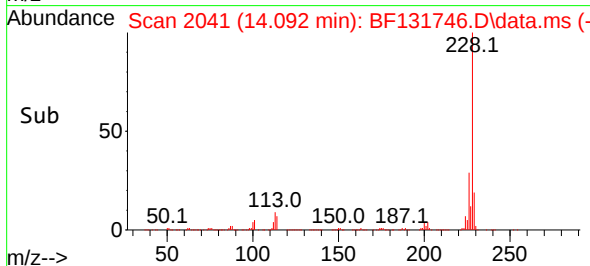
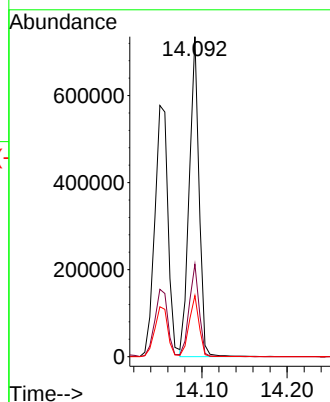
Tgt Ion:228 Resp: 585483

Ion Ratio Lower Upper

228 100

226 28.9 23.5 35.3

229 19.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.359 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

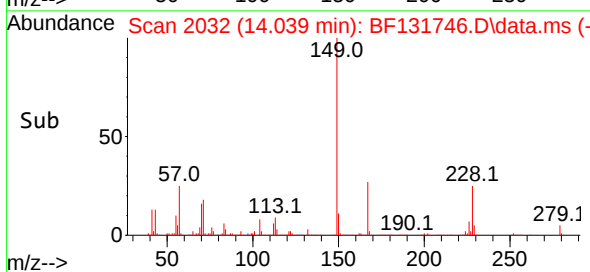
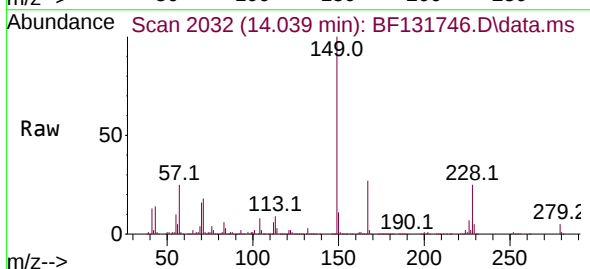
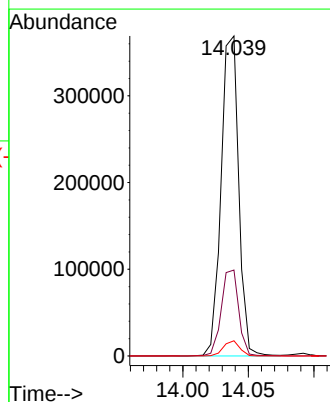
Tgt Ion:149 Resp: 344456

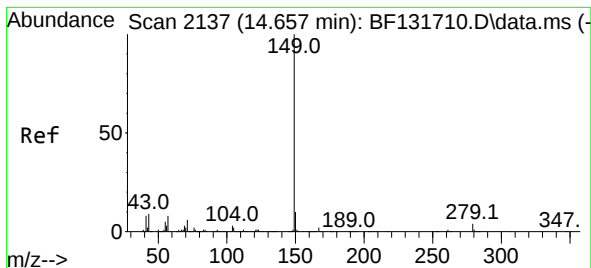
Ion Ratio Lower Upper

149 100

167 26.8 21.7 32.5

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 47.065 ng

RT: 14.657 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :

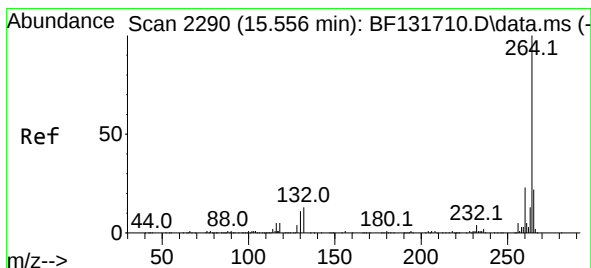
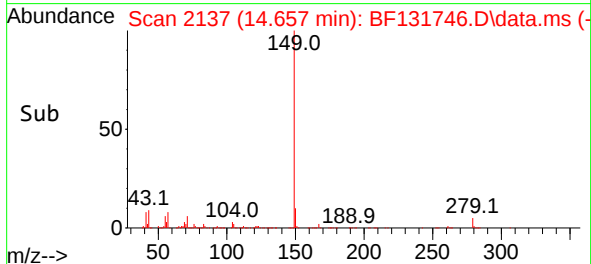
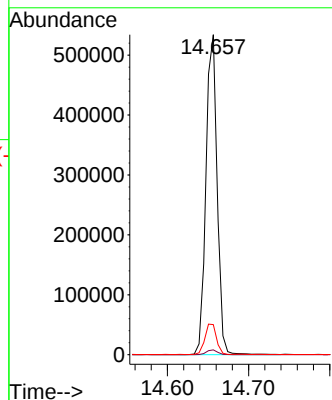
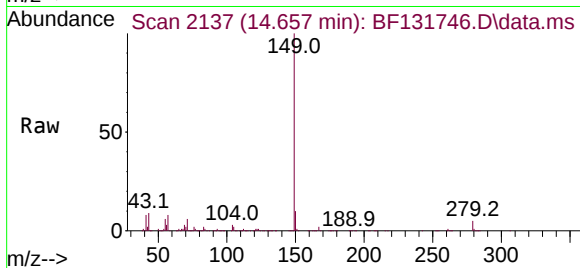
Tgt Ion:149 Resp: 510167

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 10.0 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.556 min Scan# 2290

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

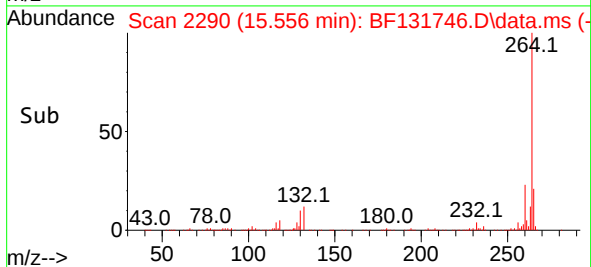
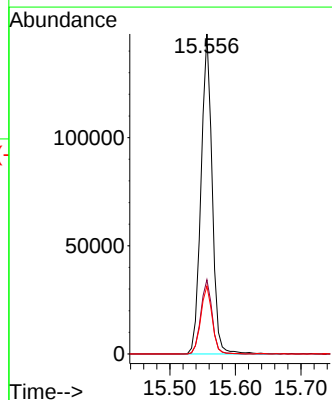
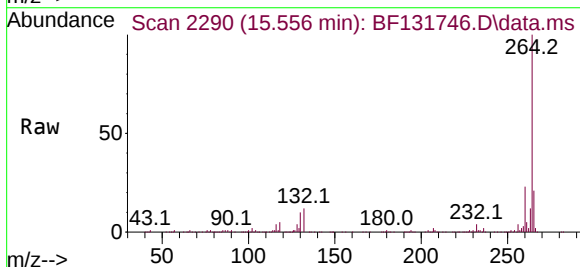
Tgt Ion:264 Resp: 174413

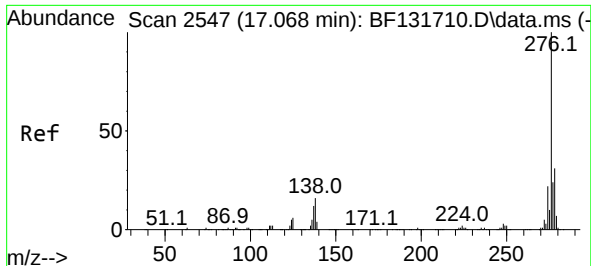
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

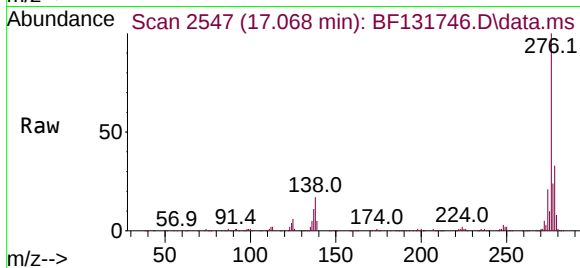
265 21.3 17.4 26.2



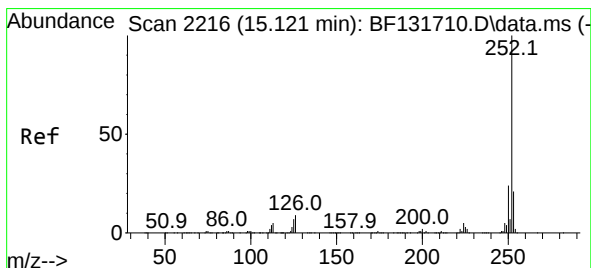
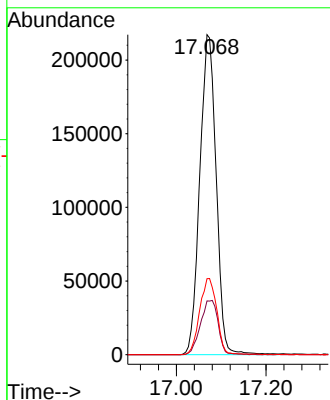
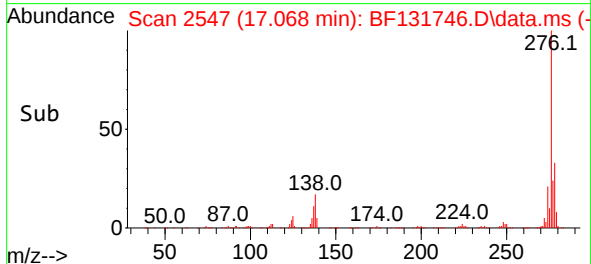


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.879 ng
 RT: 17.068 min Scan# 2115
 Delta R.T. 0.000 min
 Lab File: BF131746.D
 Acq: 21 Dec 2022 15:03

Instrument :
 BNA_F
 ClientSampleId :

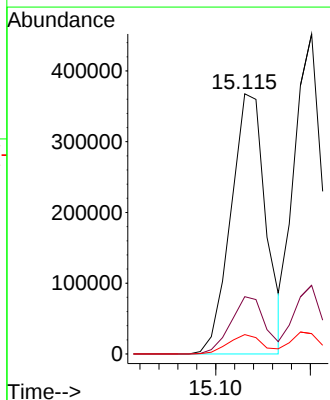
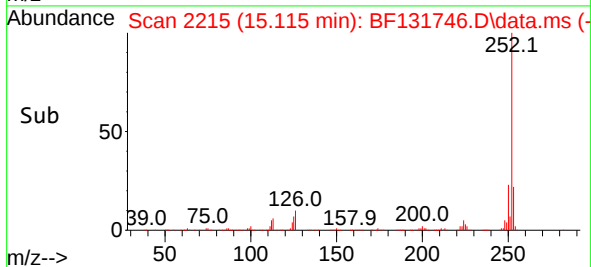
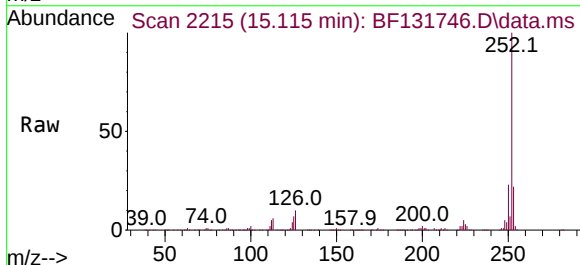


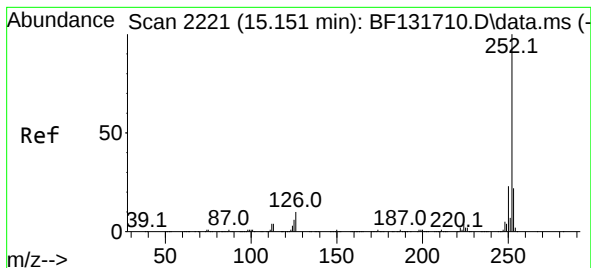
Tgt Ion:276 Resp: 549186
 Ion Ratio Lower Upper
 276 100
 138 18.4 14.4 21.6
 277 24.9 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 38.366 ng
 RT: 15.115 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF131746.D
 Acq: 21 Dec 2022 15:03

Tgt Ion:252 Resp: 473416
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.2 25.8
 125 7.4 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 38.922 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

Instrument :

BNA_F

ClientSampleId :

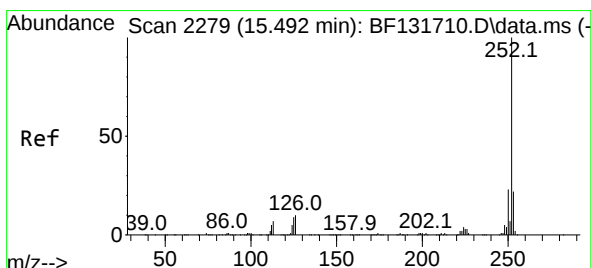
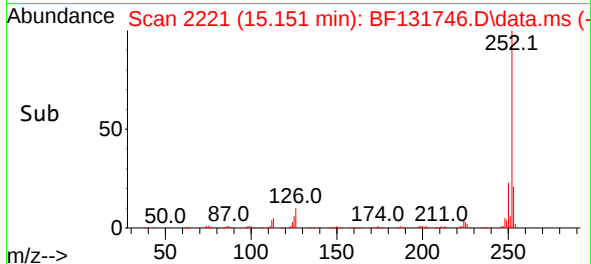
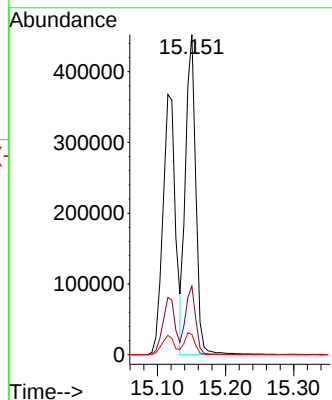
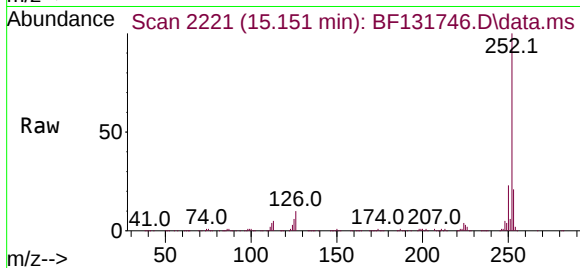
Tgt Ion:252 Resp: 468646

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 6.3 5.2 7.8



#90

Benzo(a)pyrene

Concen: 39.325 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF131746.D

Acq: 21 Dec 2022 15:03

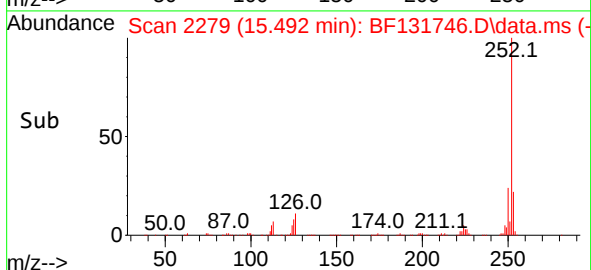
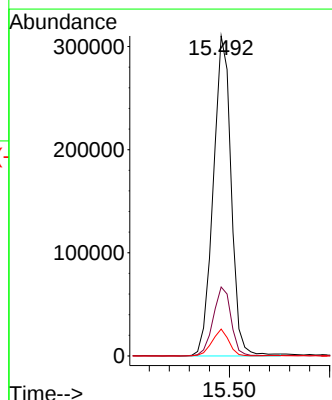
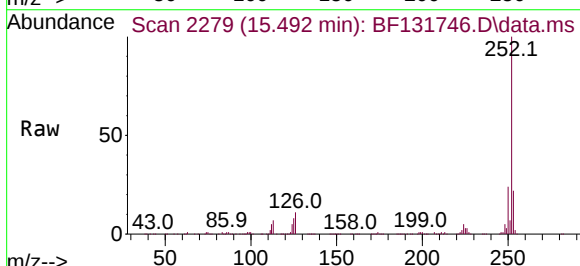
Tgt Ion:252 Resp: 384375

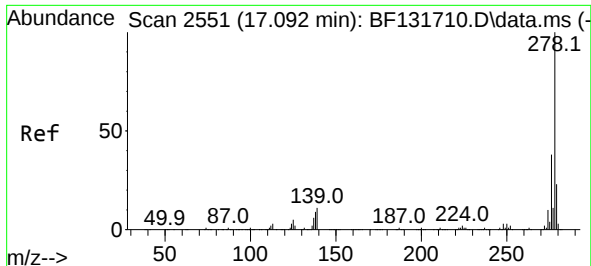
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

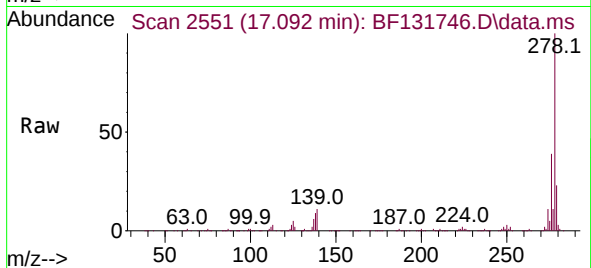
125 8.4 7.0 10.4



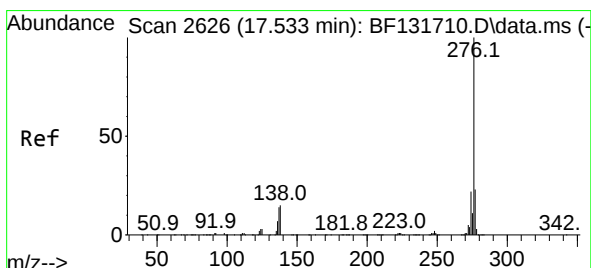
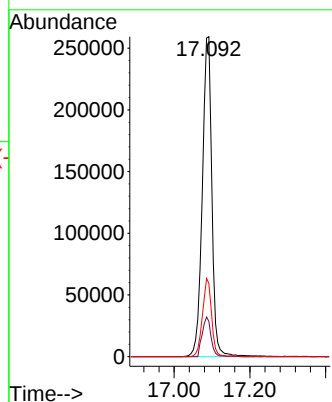
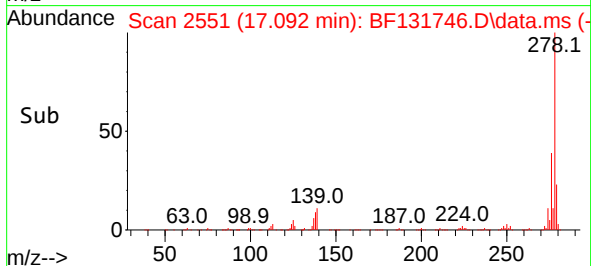


#91
 Dibenzo(a,h)anthracene
 Concen: 47.161 ng
 RT: 17.092 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131746.D
 Acq: 21 Dec 2022 15:03

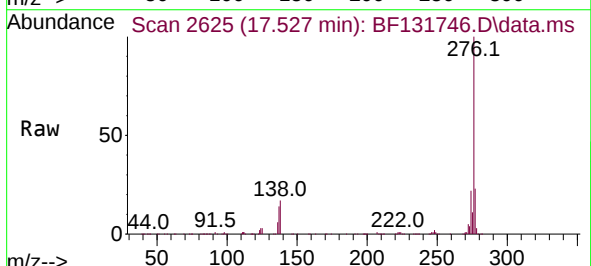
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:278 Resp: 456582
 Ion Ratio Lower Upper
 278 100
 139 11.1 8.7 13.1
 279 22.9 18.7 28.1



#92
 Benzo(g,h,i)perylene
 Concen: 46.929 ng
 RT: 17.527 min Scan# 2625
 Delta R.T. -0.006 min
 Lab File: BF131746.D
 Acq: 21 Dec 2022 15:03



Tgt Ion:276 Resp: 449068
 Ion Ratio Lower Upper
 276 100
 277 23.0 18.3 27.5
 138 16.6 12.3 18.5

