

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129629.D
 Acq On : 08 Aug 2022 13:04
 Operator : CG\JU
 Sample : PB146630BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146630BS

Quant Time: Aug 08 14:37:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	189203	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	791565	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	416900	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	677114	20.000	ng	0.00
76) Chrysene-d12	14.027	240	417967	20.000	ng	0.00
86) Perylene-d12	15.498	264	348684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1477316	127.194	ng	0.01
7) Phenol-d6	6.498	99	1816604	124.434	ng	0.00
23) Nitrobenzene-d5	7.416	82	1246089	85.934	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	513795	128.187	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2230251	82.756	ng	0.00
79) Terphenyl-d14	12.963	244	2272397	102.569	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	177647	33.900	ng	89
3) Pyridine	3.493	79	442202	30.386	ng	90
4) n-Nitrosodimethylamine	3.440	42	274740	42.992	ng	# 90
6) Aniline	6.510	93	583940	32.175	ng	# 16
8) 2-Chlorophenol	6.640	128	625563	49.299	ng	95
9) Benzaldehyde	6.398	77	270616	27.296	ng	100
10) Phenol	6.510	94	715565	46.027	ng	# 62
11) bis(2-Chloroethyl)ether	6.581	93	596967	48.418	ng	93
12) 1,3-Dichlorobenzene	6.781	146	637489	46.842	ng	99
13) 1,4-Dichlorobenzene	6.863	146	638987	46.167	ng	99
14) 1,2-Dichlorobenzene	7.010	146	612980	48.183	ng	98
15) Benzyl Alcohol	6.998	79	532429	50.286	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	770077	41.551	ng	# 5
17) 2-Methylphenol	7.110	107	485051	46.077	ng	# 89
18) Hexachloroethane	7.351	117	249968	47.964	ng	92
19) n-Nitroso-di-n-propyla...	7.263	70	428310	48.462	ng	90
20) 3+4-Methylphenols	7.269	107	609341	45.525	ng	# 84
22) Acetophenone	7.257	105	850776	46.165	ng	98
24) Nitrobenzene	7.434	77	644387	43.155	ng	95
25) Isophorone	7.669	82	1189660	45.770	ng	99
26) 2-Nitrophenol	7.745	139	339033	46.024	ng	95
27) 2,4-Dimethylphenol	7.786	122	544253	49.255	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	733254	48.630	ng	98
29) 2,4-Dichlorophenol	7.992	162	509674	44.689	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	535713	45.380	ng	97
31) Naphthalene	8.151	128	1740896	43.288	ng	99
32) Benzoic acid	7.939	122	260058	32.555	ng	95
33) 4-Chloroaniline	8.198	127	450521	27.286	ng	98
34) Hexachlorobutadiene	8.257	225	315468	47.012	ng	99
35) Caprolactam	8.592	113	85389	23.029	ng	# 79
36) 4-Chloro-3-methylphenol	8.704	107	547469	45.260	ng	94
37) 2-Methylnaphthalene	8.839	142	1148290	43.937	ng	99
38) 1-Methylnaphthalene	8.939	142	1088358	43.139	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	502722	45.924	ng	98
41) Hexachlorocyclopentadiene	8.992	237	461563	94.688	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	331270	41.665	ng	98

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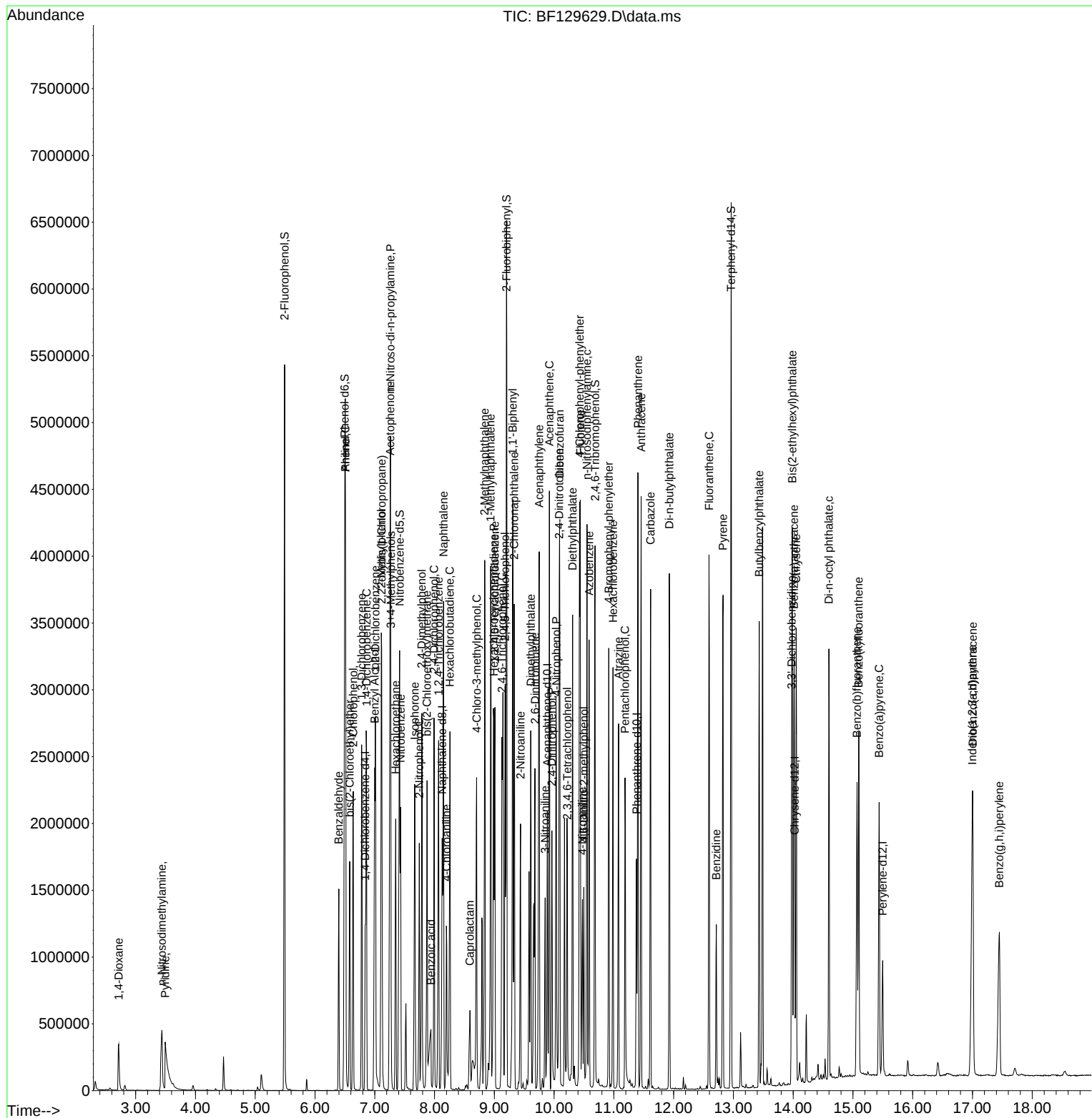
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	345571	39.967	ng	96
46) 1,1'-Biphenyl	9.310	154	1367193	44.936	ng	98
47) 2-Chloronaphthalene	9.333	162	1067225	43.390	ng	99
48) 2-Nitroaniline	9.439	65	337970	41.323	ng	87
49) Acenaphthylene	9.751	152	1659141	44.394	ng	100
50) Dimethylphthalate	9.610	163	1275946	44.335	ng	100
51) 2,6-Dinitrotoluene	9.680	165	282355	43.834	ng	97
52) Acenaphthene	9.922	154	964547	39.514	ng	99
53) 3-Nitroaniline	9.851	138	207752	27.313	ng	# 93
54) 2,4-Dinitrophenol	9.963	184	263735	80.202	ng	93
55) Dibenzofuran	10.092	168	1430362	42.507	ng	94
56) 4-Nitrophenol	10.039	139	323495	57.647	ng	99
57) 2,4-Dinitrotoluene	10.086	165	361278	42.933	ng	97
58) Fluorene	10.439	166	1158385	43.024	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	255050	38.171	ng	94
60) Diethylphthalate	10.310	149	1267562	45.561	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	545860	45.988	ng	94
62) 4-Nitroaniline	10.475	138	278470	36.905	ng	95
63) Azobenzene	10.586	77	1192652	42.029	ng	95
65) 4,6-Dinitro-2-methylph...	10.498	198	184712	43.220	ng	94
66) n-Nitrosodiphenylamine	10.551	169	1019810	45.225	ng	96
67) 4-Bromophenyl-phenylether	10.916	248	357721	48.245	ng	95
68) Hexachlorobenzene	10.986	284	387117	48.185	ng	98
69) Atrazine	11.080	200	313894	45.829	ng	96
70) Pentachlorophenol	11.186	266	298528	68.352	ng	99
71) Phenanthrene	11.404	178	1617227	43.754	ng	99
72) Anthracene	11.457	178	1621305	44.636	ng	99
73) Carbazole	11.616	167	1468063	42.936	ng	99
74) Di-n-butylphthalate	11.927	149	1947499	47.828	ng	99
75) Fluoranthene	12.592	202	1605380	42.866	ng	98
77) Benzidine	12.716	184	441200	29.880	ng	98
78) Pyrene	12.827	202	1614508	46.193	ng	99
80) Butylbenzylphthalate	13.433	149	750241	49.488	ng	96
81) Benzo(a)anthracene	14.015	228	1262993	44.236	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	329957	35.002	ng	97
83) Chrysene	14.051	228	1151727	42.802	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	1036041	51.909	ng	99
85) Di-n-octyl phthalate	14.598	149	1542709	53.713	ng	96
87) Indeno(1,2,3-cd)pyrene	16.998	276	1088724	46.367	ng	99
88) Benzo(b)fluoranthene	15.068	252	1088858	47.077	ng	99
89) Benzo(k)fluoranthene	15.098	252	1070530	47.231	ng	99
90) Benzo(a)pyrene	15.439	252	1009006	53.740	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	960039	50.235	ng	99
92) Benzo(g,h,i)perylene	17.451	276	955941	48.951	ng	99

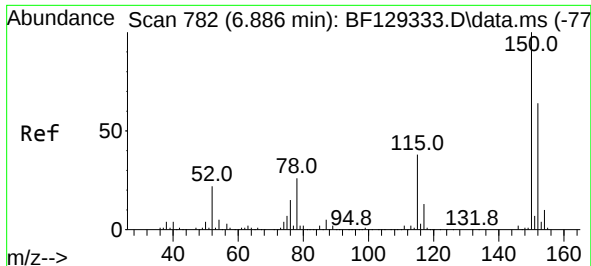
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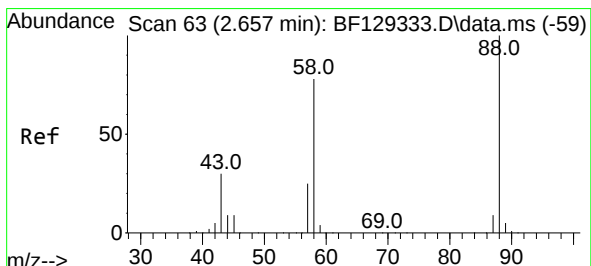
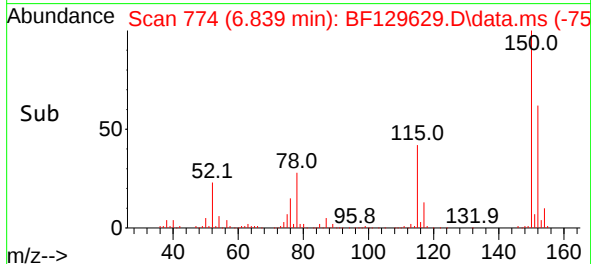
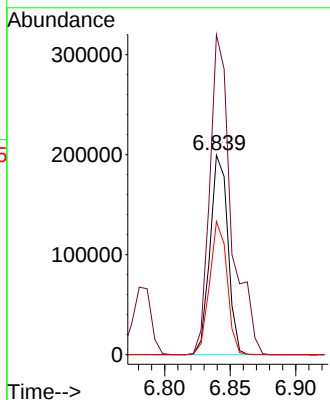
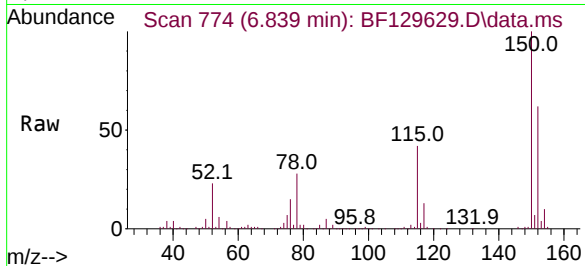




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF129629.D
 Acq: 08 Aug 2022 13:04

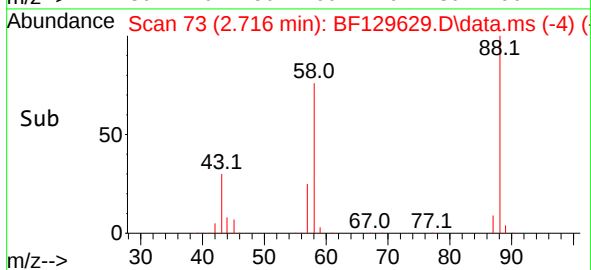
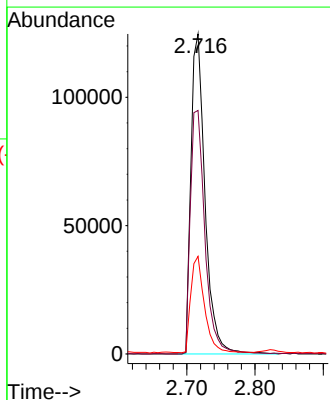
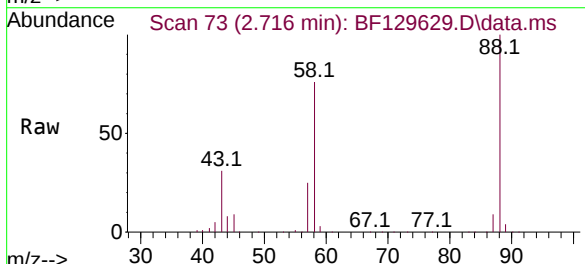
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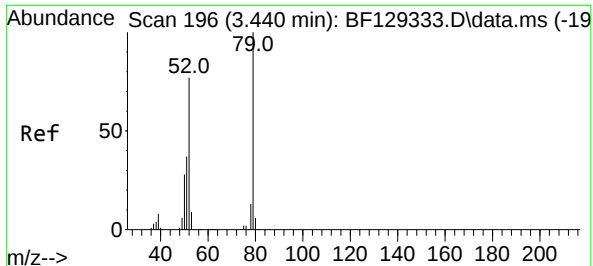
Tgt Ion:152 Resp: 189203
 Ion Ratio Lower Upper
 152 100
 150 160.4 123.7 185.5
 115 66.7 49.9 74.9



#2
 1,4-Dioxane
 Concen: 33.900 ng
 RT: 2.716 min Scan# 73
 Delta R.T. 0.106 min
 Lab File: BF129629.D
 Acq: 08 Aug 2022 13:04

Tgt Ion: 88 Resp: 177647
 Ion Ratio Lower Upper
 88 100
 58 78.6 71.8 107.8
 43 29.3 26.6 39.8

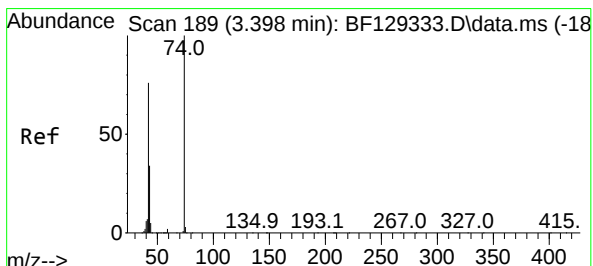
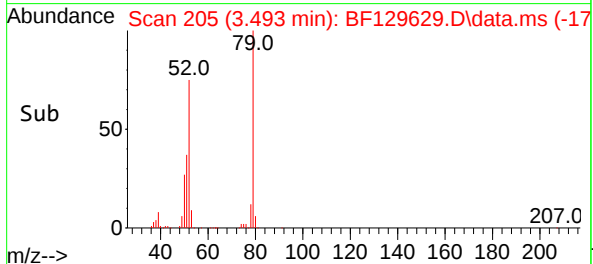
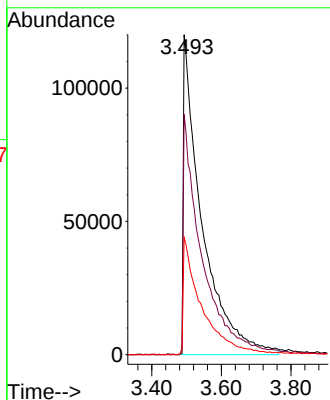
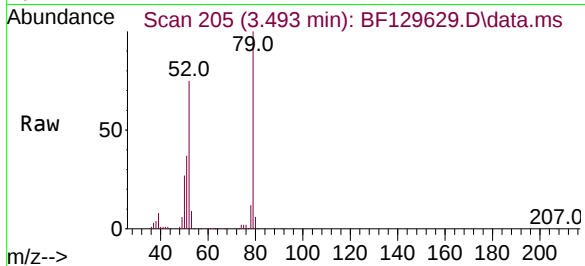




#3
Pyridine
Concen: 30.386 ng
RT: 3.493 min Scan# 20
Delta R.T. 0.100 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

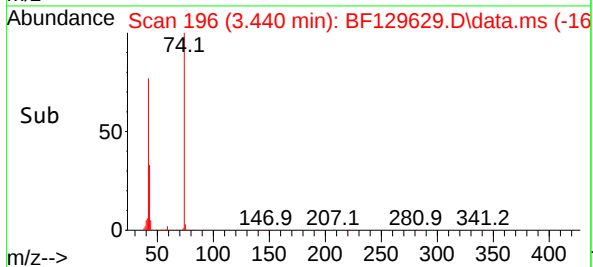
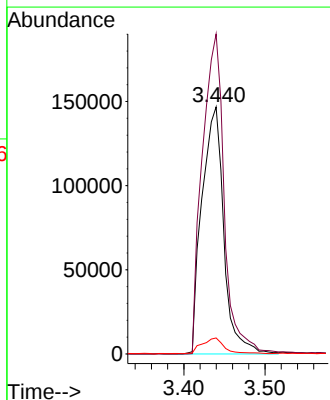
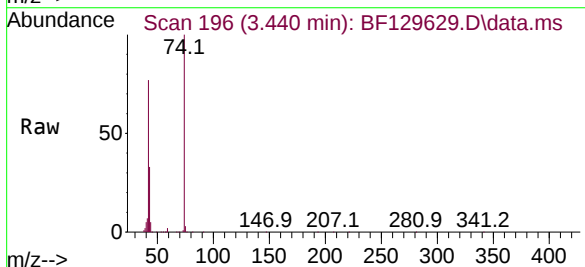
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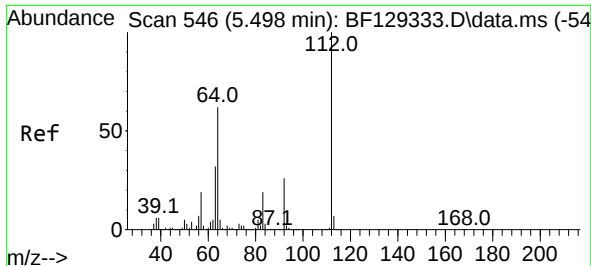
Tgt Ion: 79 Resp: 442202
Ion Ratio Lower Upper
79 100
52 75.1 68.6 102.8
51 36.6 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 42.992 ng
RT: 3.440 min Scan# 196
Delta R.T. 0.088 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion: 42 Resp: 274740
Ion Ratio Lower Upper
42 100
74 129.6 94.8 142.2
44 6.5 6.6 10.0#

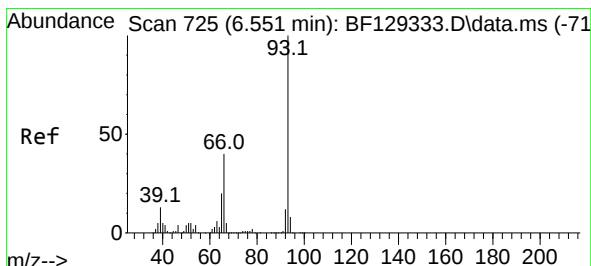
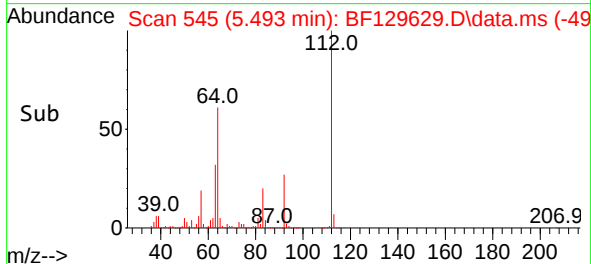
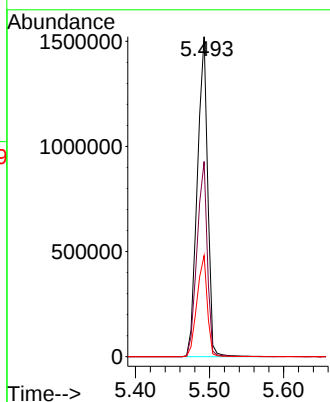
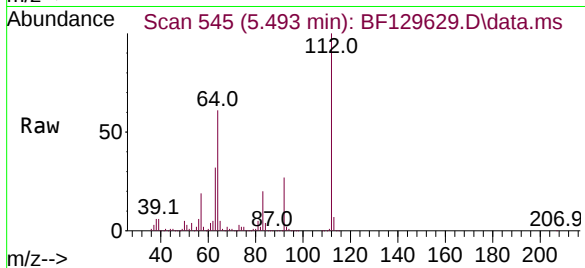




#5
2-Fluorophenol
Concen: 127.194 ng
RT: 5.493 min Scan# 546
Delta R.T. 0.012 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

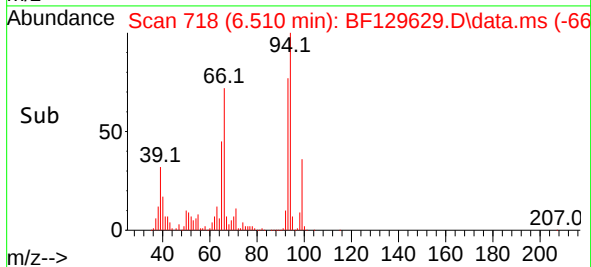
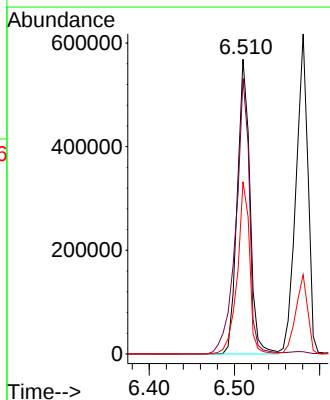
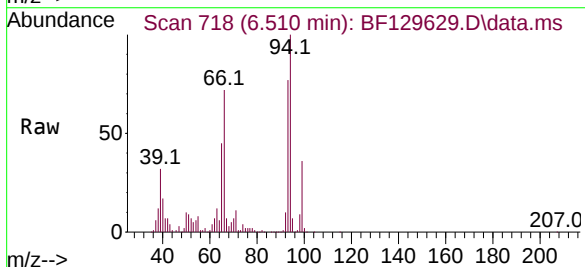
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Tgt Ion:112 Resp: 1477316
Ion Ratio Lower Upper
112 100
64 61.0 53.3 79.9
63 31.6 28.0 42.0



#6
Aniline
Concen: 32.175 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion: 93 Resp: 583940
Ion Ratio Lower Upper
93 100
66 93.5 32.5 48.7#
65 58.4 16.4 24.6#

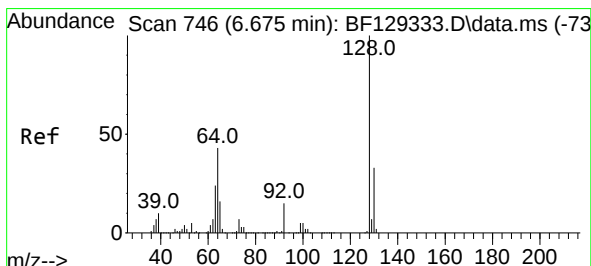
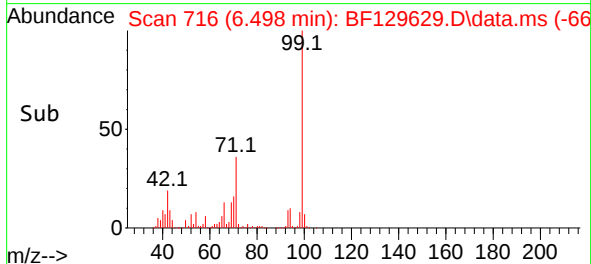
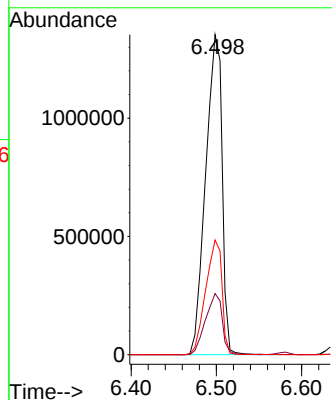
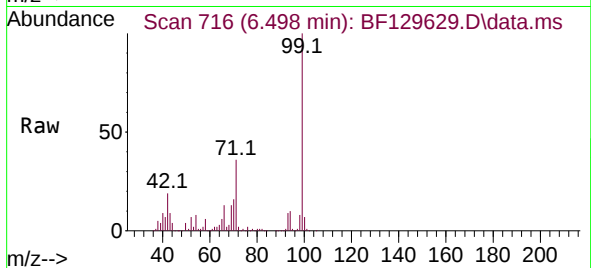




#7
Phenol-d6
Concen: 124.434 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF129629.D
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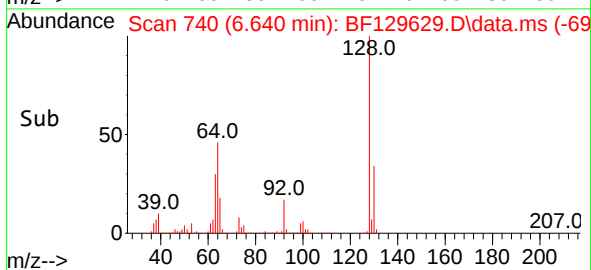
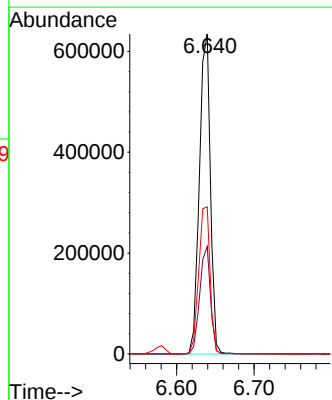
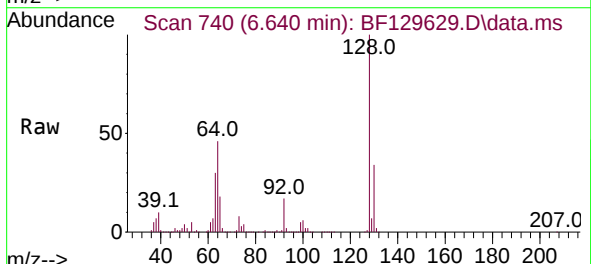
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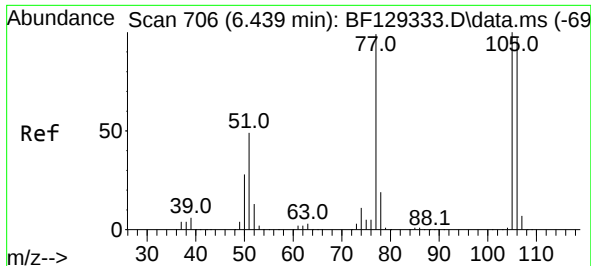
Tgt Ion: 99 Resp: 1816604
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 35.8 28.9 43.3



#8
2-Chlorophenol
Concen: 49.299 ng
RT: 6.640 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:128 Resp: 625563
Ion Ratio Lower Upper
128 100
130 33.6 13.1 53.1
64 45.9 30.9 70.9

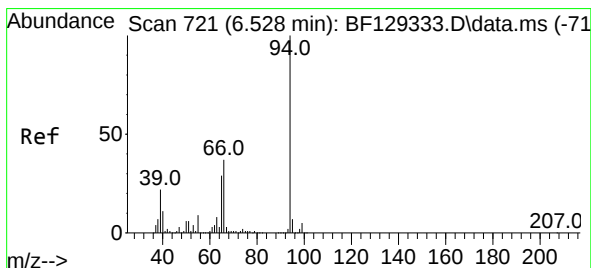
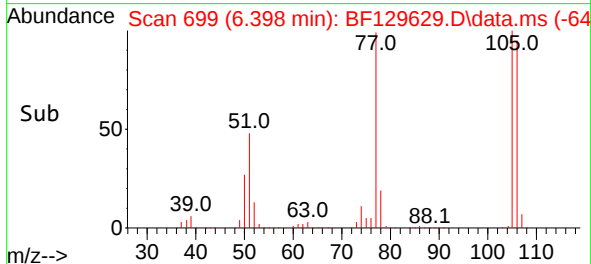
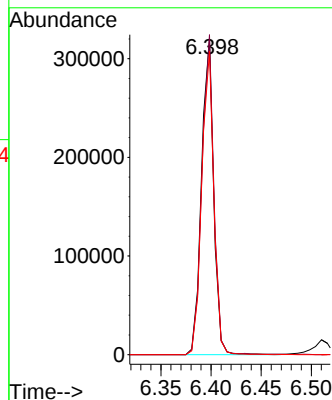
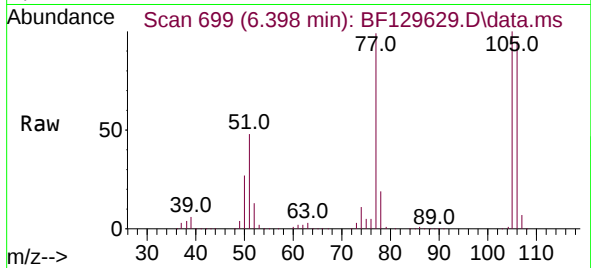




#9
Benzaldehyde
Concen: 27.296 ng
RT: 6.398 min Scan# 61
Delta R.T. -0.006 min
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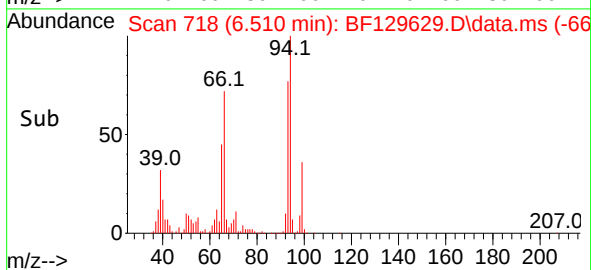
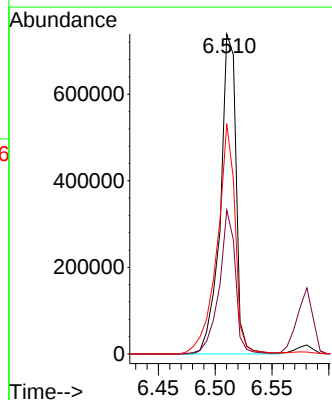
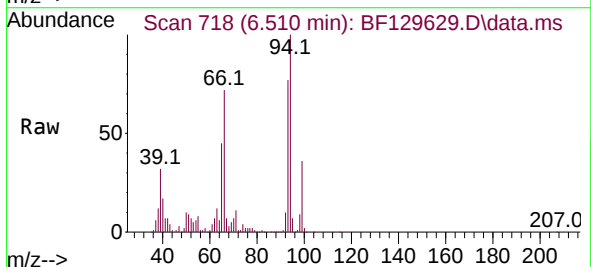
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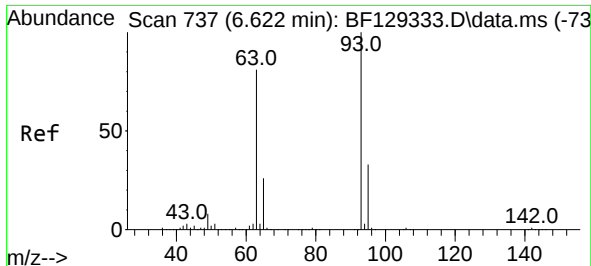
Tgt Ion: 77 Resp: 270616
Ion Ratio Lower Upper
77 100
105 101.2 81.6 121.6
106 95.8 76.1 116.1



#10
Phenol
Concen: 46.027 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion: 94 Resp: 715565
Ion Ratio Lower Upper
94 100
65 44.9 11.4 51.4
66 71.9 21.4 61.4#





#11

bis(2-Chloroethyl)ether

Concen: 48.418 ng

RT: 6.581 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

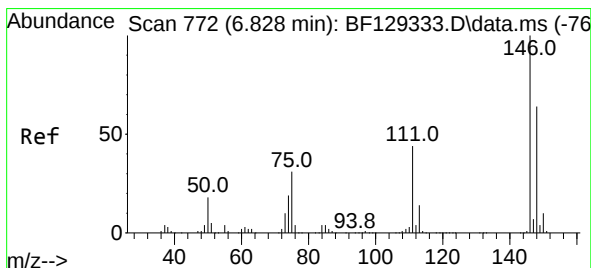
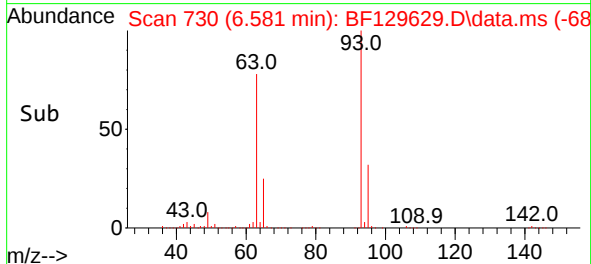
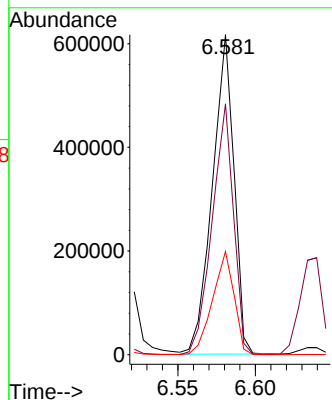
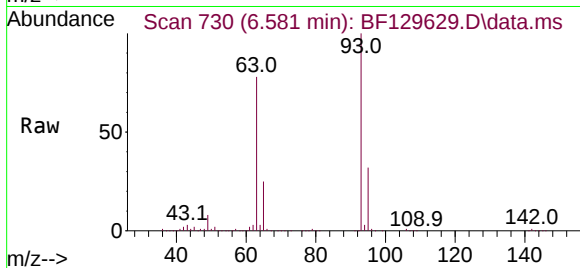
Tgt Ion: 93 Resp: 596967

Ion Ratio Lower Upper

93 100

63 78.4 67.4 107.4

95 32.2 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 46.842 ng

RT: 6.781 min Scan# 764

Delta R.T. -0.012 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

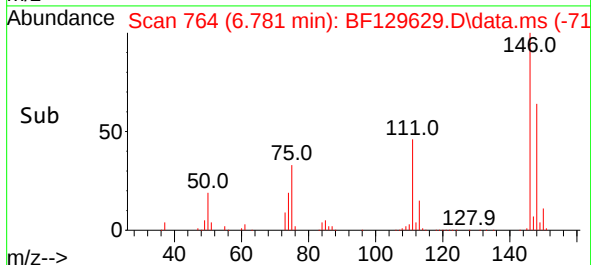
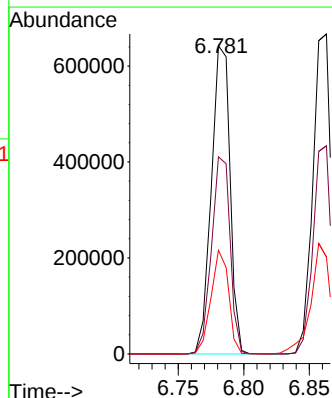
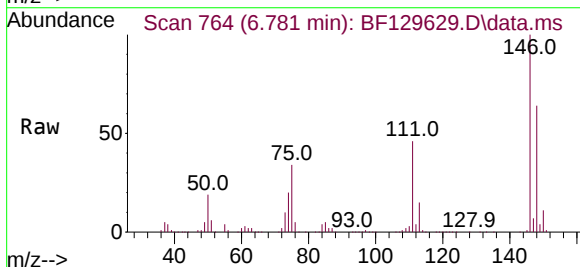
Tgt Ion: 146 Resp: 637489

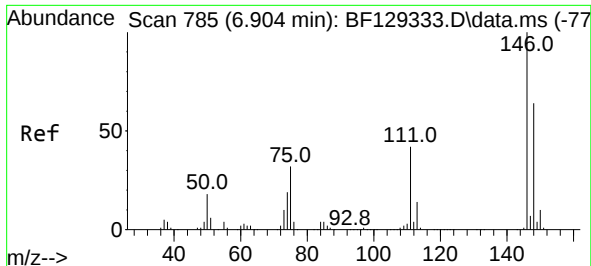
Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

75 33.6 26.3 39.5

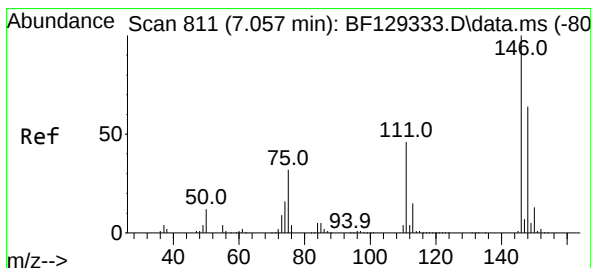
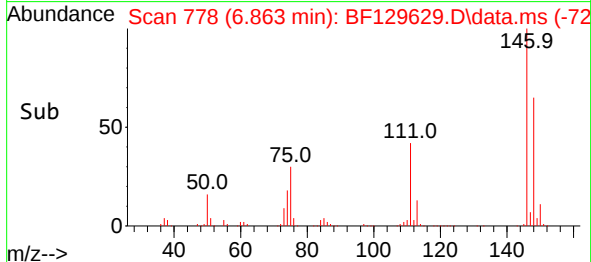
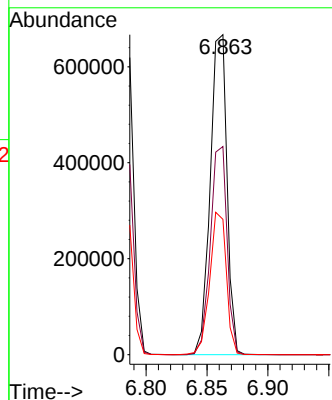
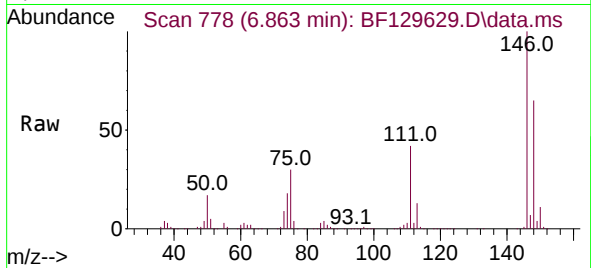




#13
1,4-Dichlorobenzene
Concen: 46.167 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

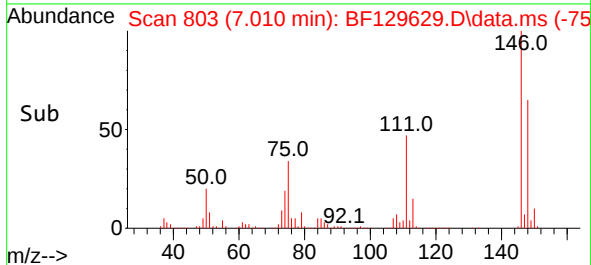
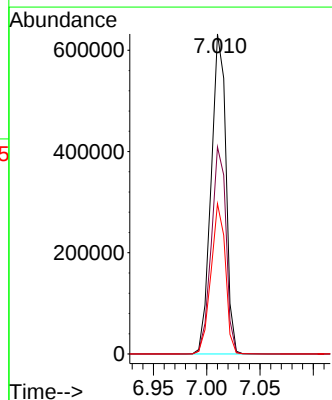
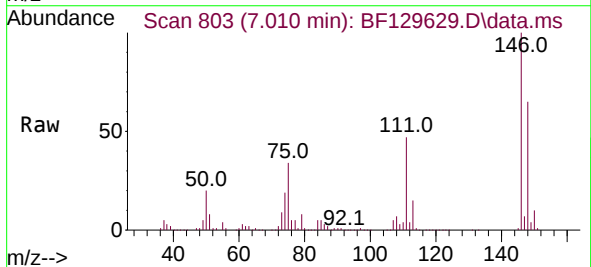
Instrument :
BNA_F
ClientSampleId :
PB146630BS

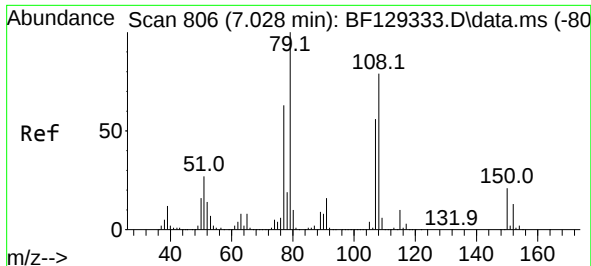
Tgt Ion:146 Resp: 638987
Ion Ratio Lower Upper
146 100
148 65.1 51.1 76.7
111 42.3 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 48.183 ng
RT: 7.010 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:146 Resp: 612980
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
111 46.9 35.1 52.7

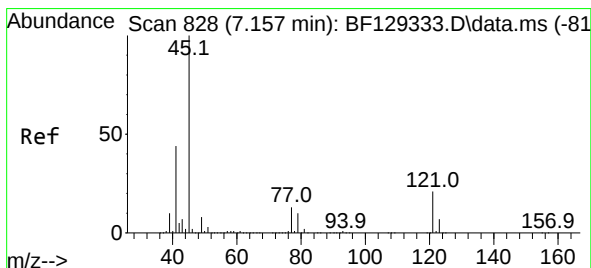
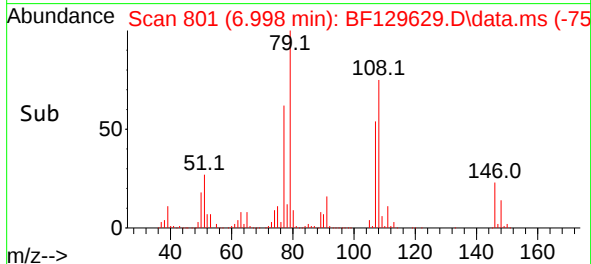
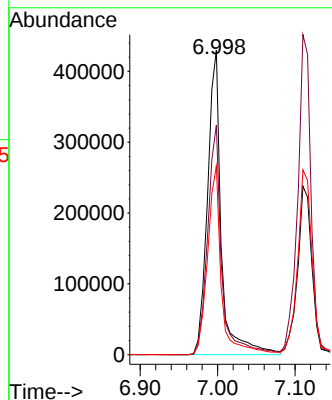
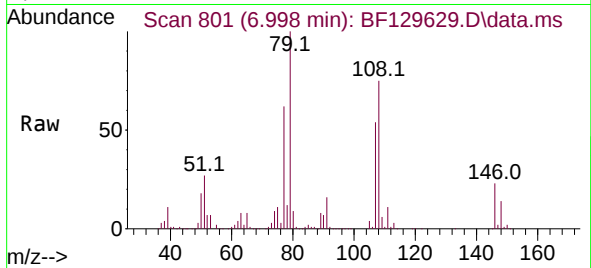




#15
Benzyl Alcohol
Concen: 50.286 ng
RT: 6.998 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

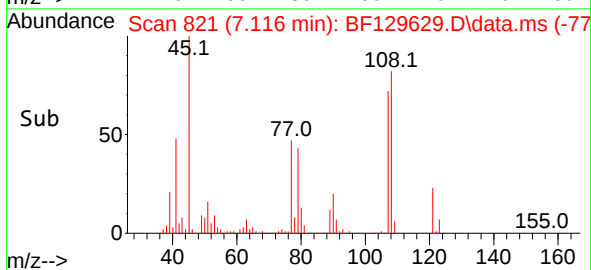
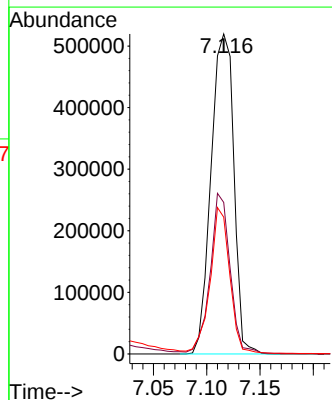
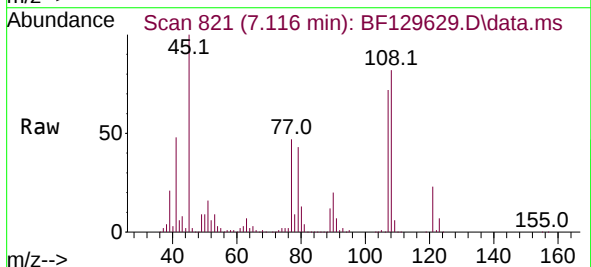
Instrument :
BNA_F
ClientSampleId :
PB146630BS

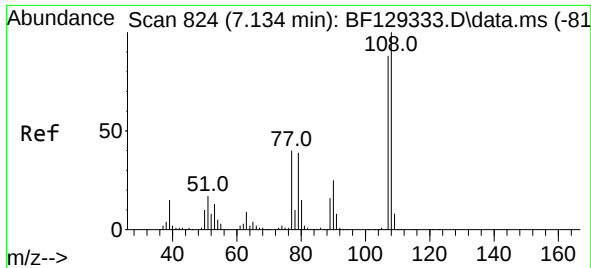
Tgt Ion: 79 Resp: 532429
Ion Ratio Lower Upper
79 100
108 75.4 61.8 92.6
77 61.9 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.551 ng
RT: 7.116 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion: 45 Resp: 770077
Ion Ratio Lower Upper
45 100
77 47.4 0.0 31.3#
79 42.8 0.0 28.3#

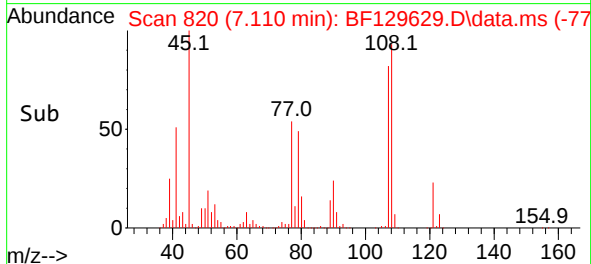
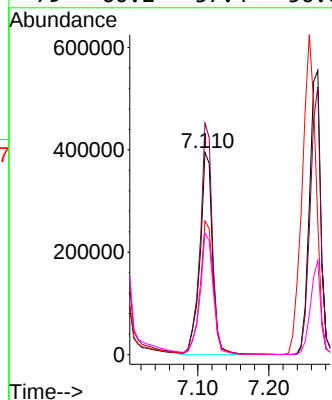
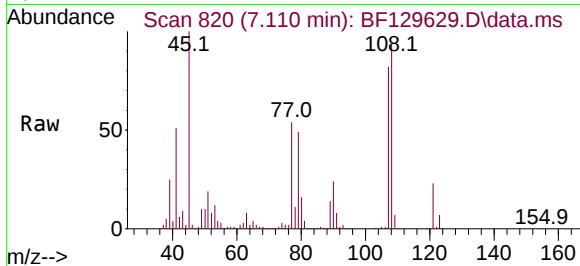




#17
2-Methylphenol
Concen: 46.077 ng
RT: 7.110 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

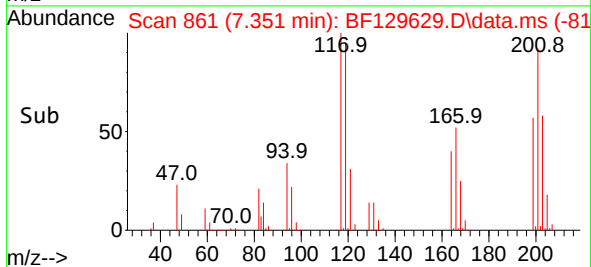
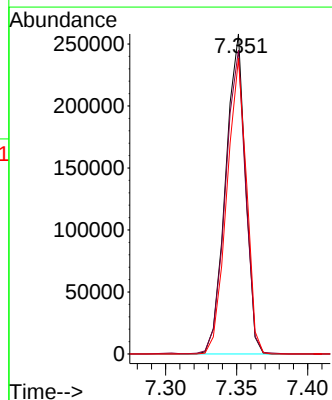
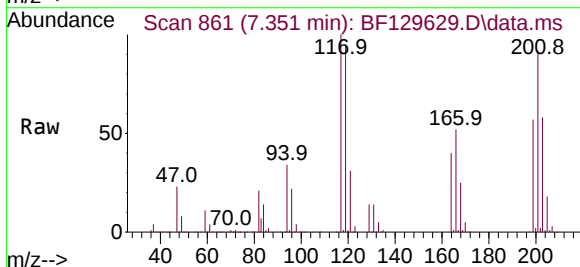
Instrument :
BNA_F
ClientSampleId :
PB146630BS

Tgt Ion:107 Resp: 485051
Ion Ratio Lower Upper
107 100
108 114.4 91.9 137.9
77 66.1 37.8 56.8#
79 60.2 37.4 56.0#



#18
Hexachloroethane
Concen: 47.964 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:117 Resp: 249968
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.2
201 92.3 84.6 127.0



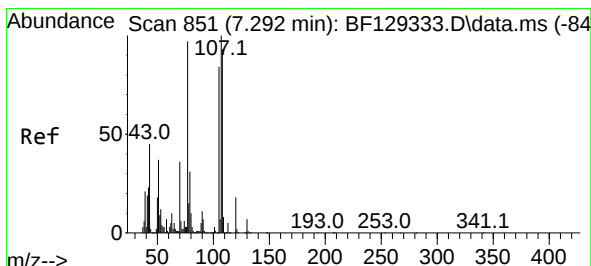
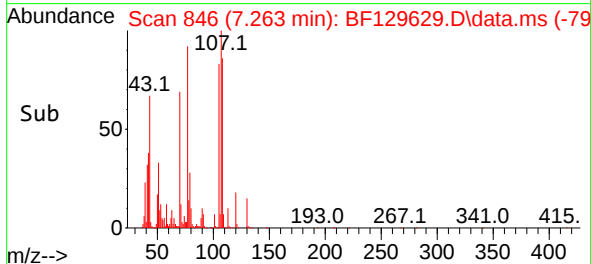
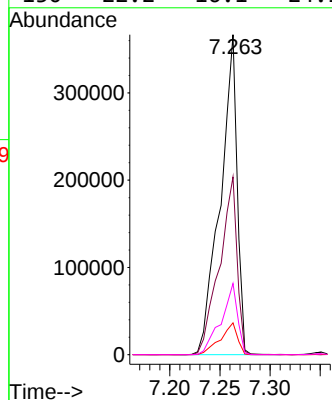
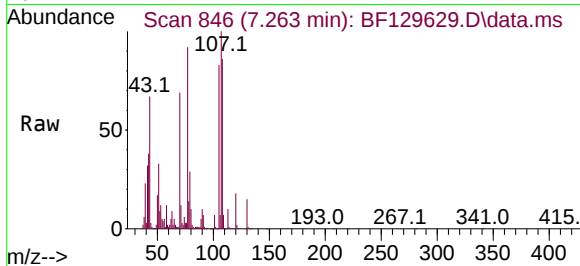


#19
n-Nitroso-di-n-propylamine
Concen: 48.462 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Instrument :
BNA_F
ClientSampleId :
PB146630BS

Tgt Ion: 70 Resp: 428310

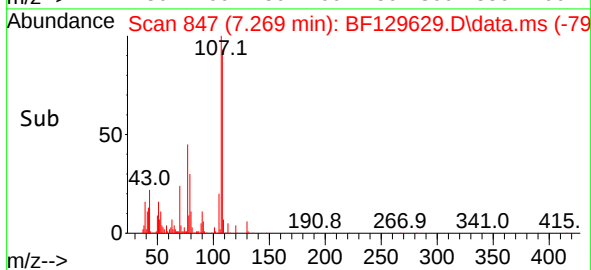
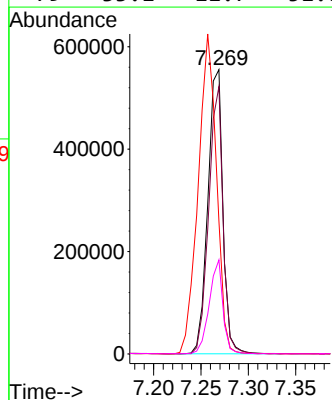
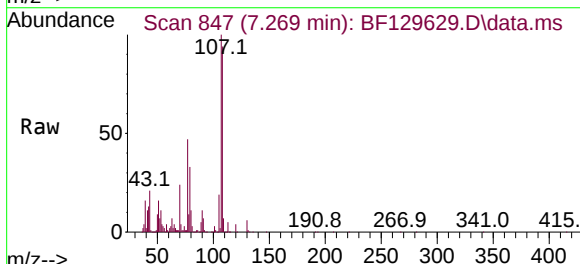
Ion	Ratio	Lower	Upper
70	100		
42	55.5	52.3	78.5
101	9.9	7.5	11.3
130	22.2	16.1	24.1



#20
3+4-Methylphenols
Concen: 45.525 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion: 107 Resp: 609341

Ion	Ratio	Lower	Upper
107	100		
108	94.0	71.8	111.8
77	46.7	59.3	99.3#
79	33.1	11.7	51.7



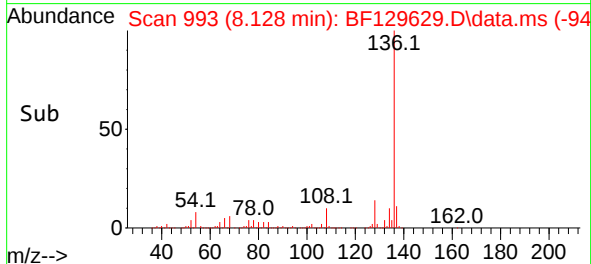
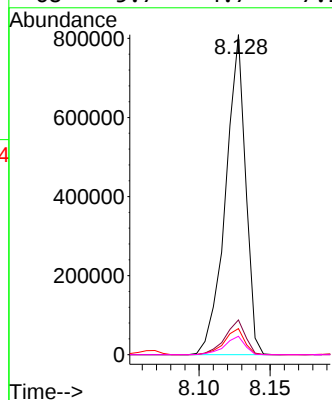
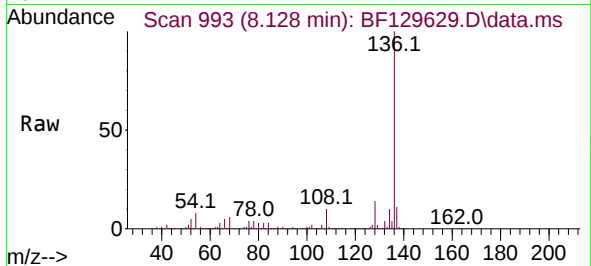


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Instrument :
BNA_F
ClientSampleId :
PB146630BS

Tgt Ion:136 Resp: 791565

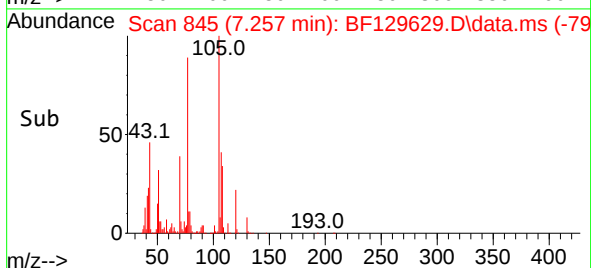
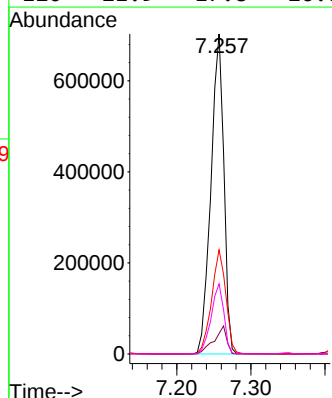
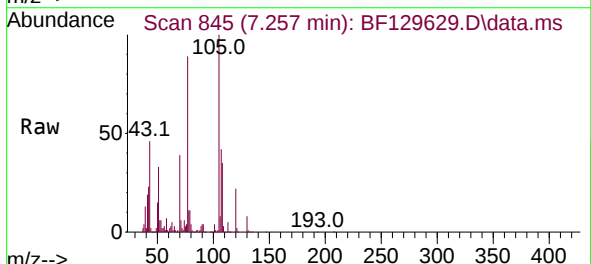
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.2	7.5	11.3
68	5.7	4.7	7.1



#22
Acetophenone
Concen: 46.165 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:105 Resp: 850776

Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.0	7.4
51	32.6	25.0	37.4
120	21.9	17.8	26.8

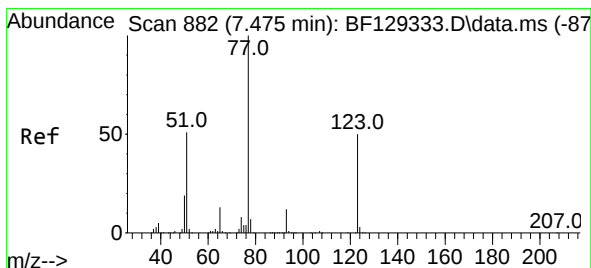
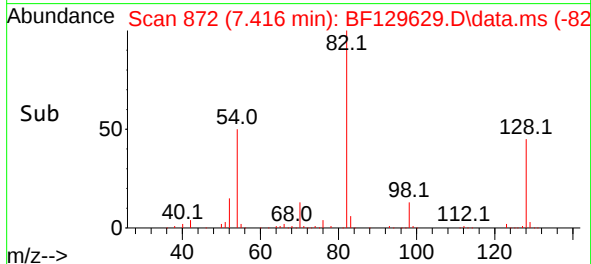
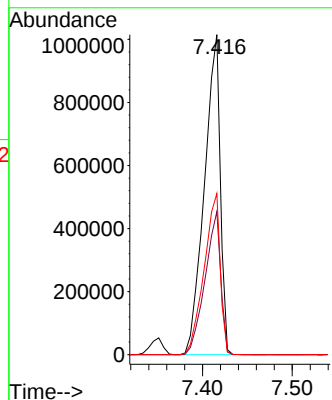
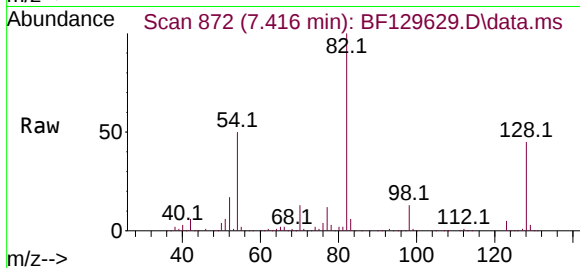




#23
Nitrobenzene-d5
Concen: 85.934 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

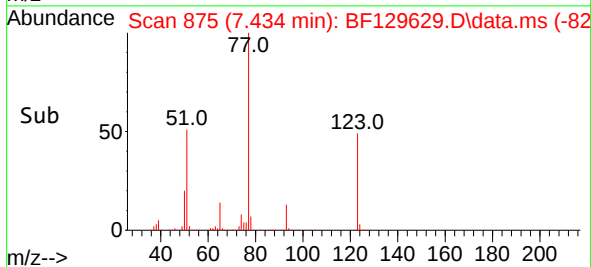
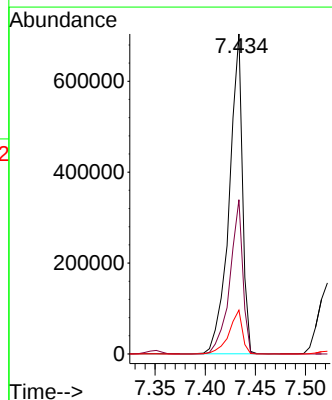
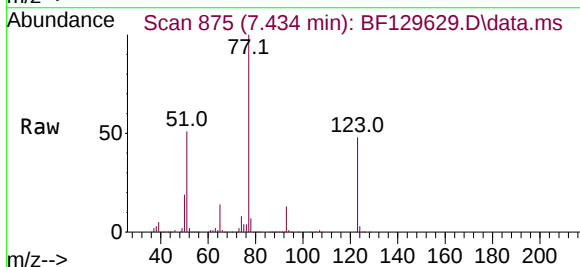
Instrument :
BNA_F
ClientSampleId :
PB146630BS

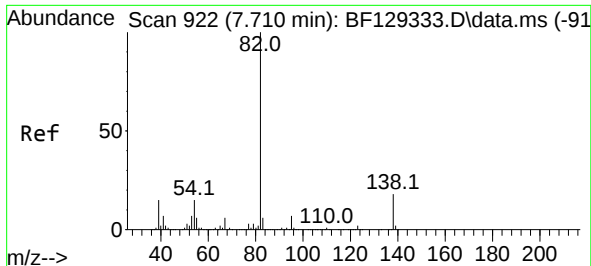
Tgt Ion: 82 Resp: 1246089
Ion Ratio Lower Upper
82 100
128 44.7 34.0 51.0
54 50.3 46.9 70.3



#24
Nitrobenzene
Concen: 43.155 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion: 77 Resp: 644387
Ion Ratio Lower Upper
77 100
123 48.2 35.4 53.2
65 13.7 11.8 17.8

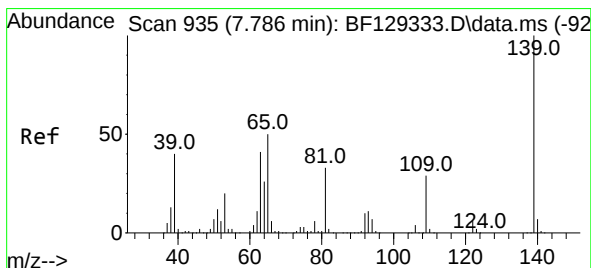
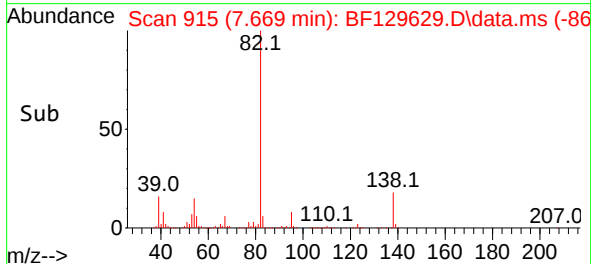
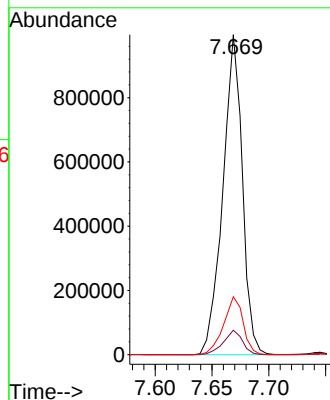
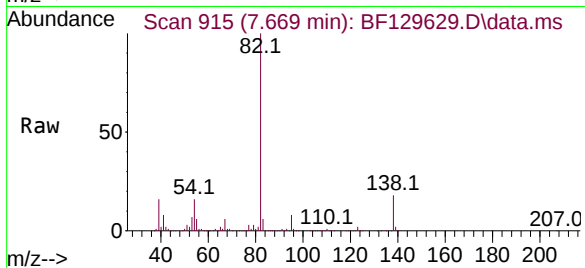




#25
Isophorone
Concen: 45.770 ng
RT: 7.669 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

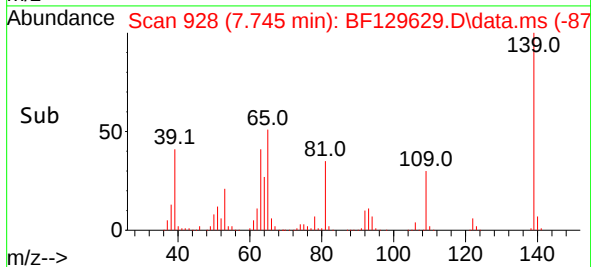
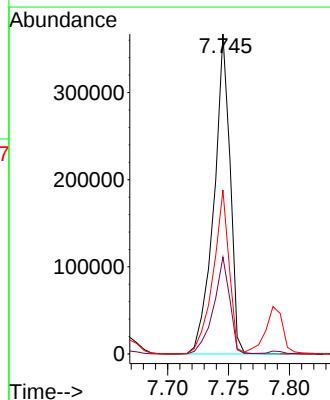
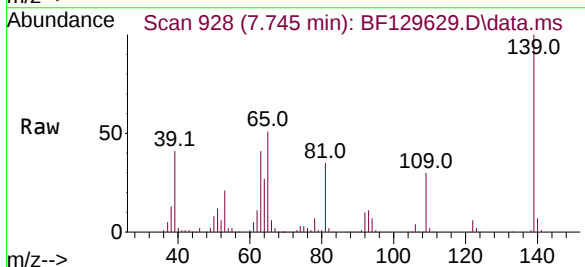
Instrument :
BNA_F
ClientSampleId :
PB146630BS

Tgt Ion: 82 Resp: 1189660
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 18.1 14.2 21.2



#26
2-Nitrophenol
Concen: 46.024 ng
RT: 7.745 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion: 139 Resp: 339033
Ion Ratio Lower Upper
139 100
109 30.3 25.0 37.4
65 51.2 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 49.255 ng

RT: 7.786 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

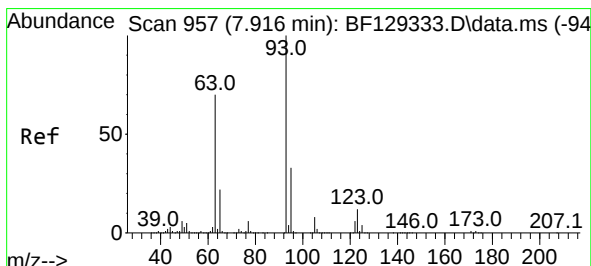
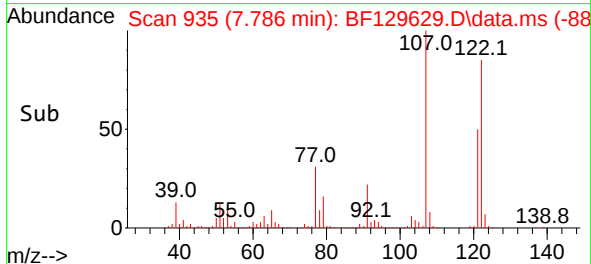
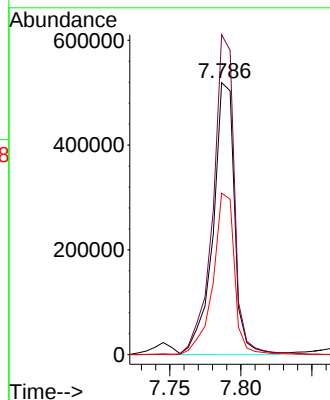
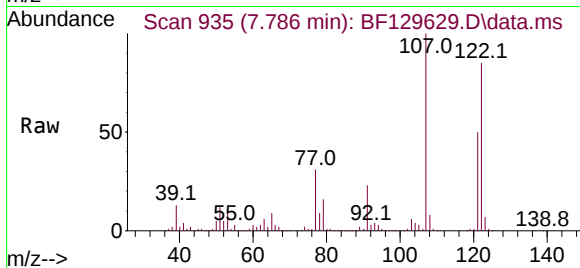
Tgt Ion:122 Resp: 544253

Ion Ratio Lower Upper

122 100

107 117.7 93.0 139.6

121 59.3 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.630 ng

RT: 7.875 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

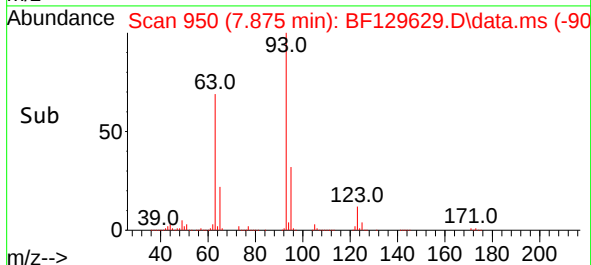
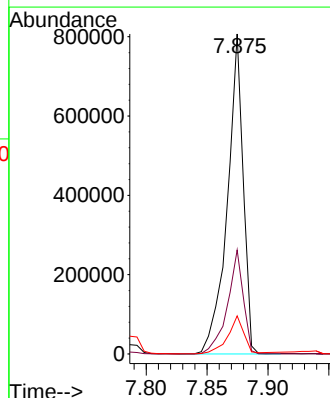
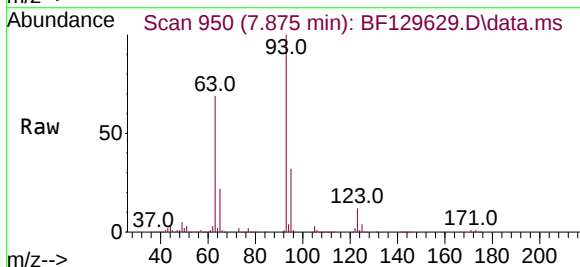
Tgt Ion: 93 Resp: 733254

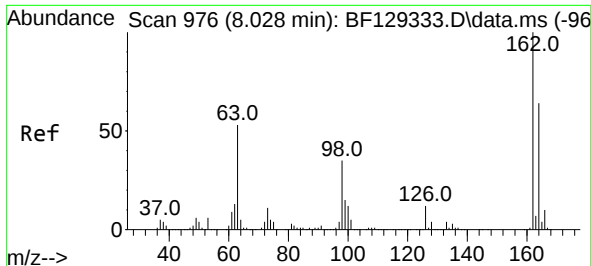
Ion Ratio Lower Upper

93 100

95 32.5 26.8 40.2

123 11.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.689 ng

RT: 7.992 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

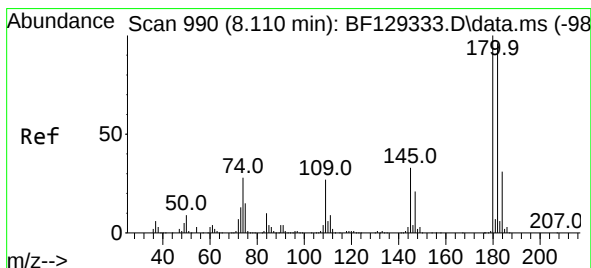
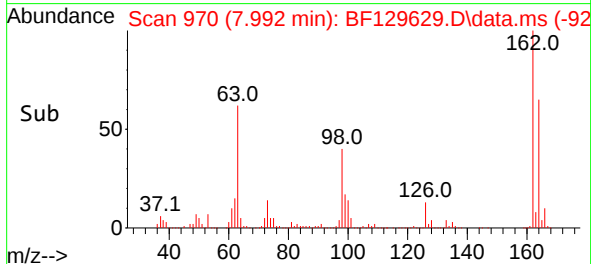
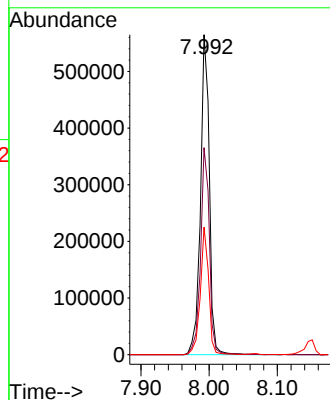
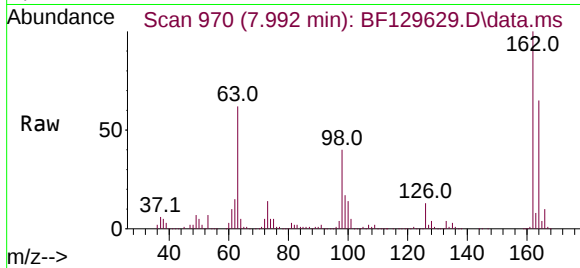
Tgt Ion:162 Resp: 509674

Ion Ratio Lower Upper

162 100

164 64.7 44.2 84.2

98 39.8 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 45.380 ng

RT: 8.069 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

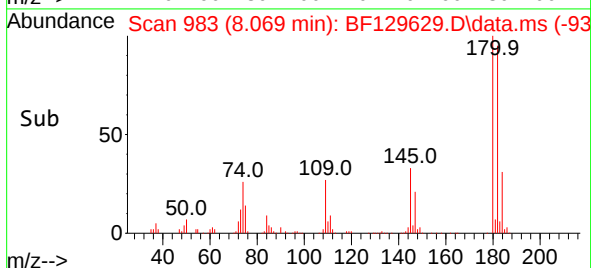
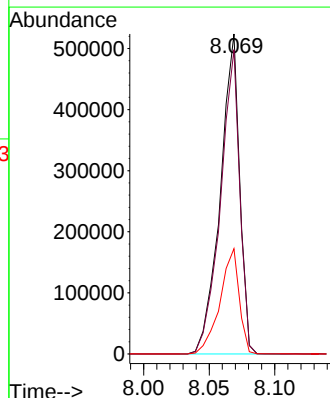
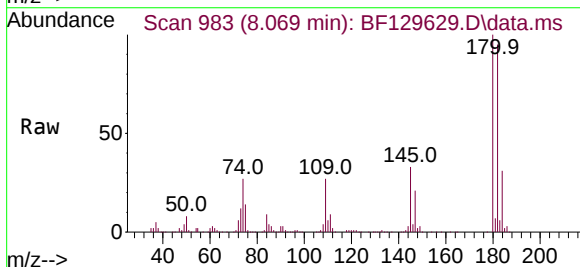
Tgt Ion:180 Resp: 535713

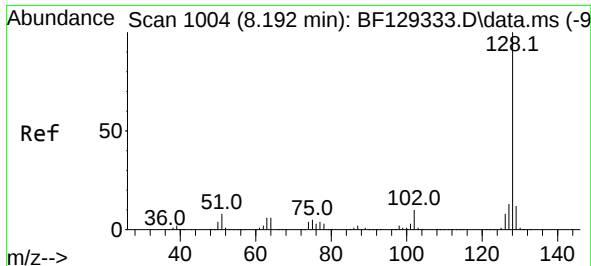
Ion Ratio Lower Upper

180 100

182 95.1 79.2 118.8

145 32.9 26.2 39.2

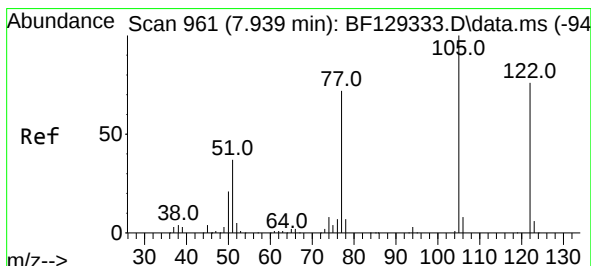
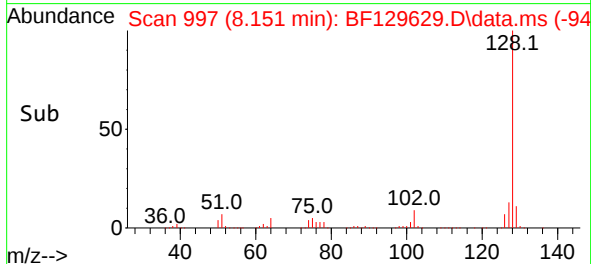
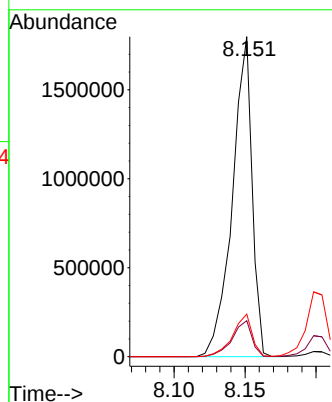
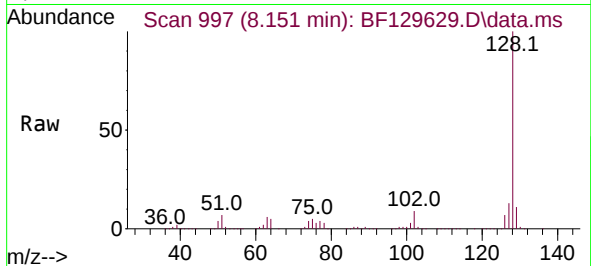




#31
Naphthalene
Concen: 43.288 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

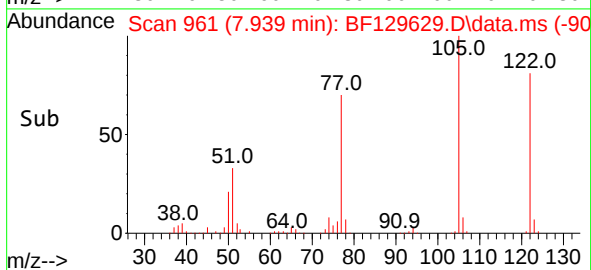
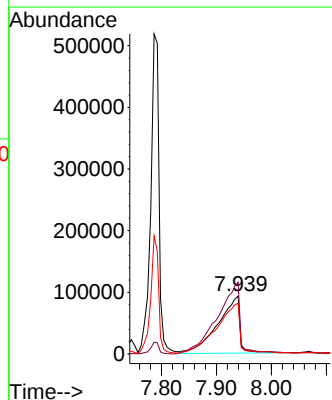
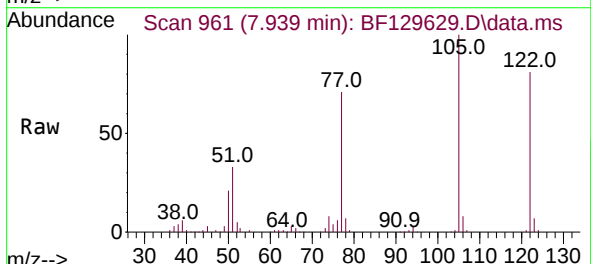
Instrument :
BNA_F
ClientSampleId :
PB146630BS

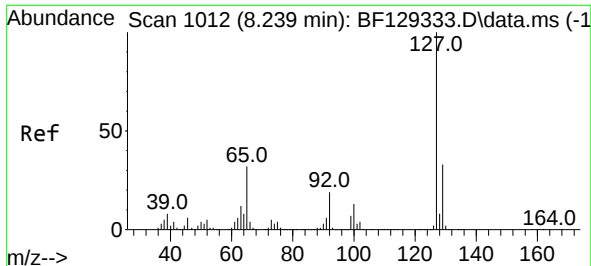
Tgt Ion:128 Resp: 1740896
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 32.555 ng
RT: 7.939 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:122 Resp: 260058
Ion Ratio Lower Upper
122 100
105 124.0 107.1 147.1
77 87.4 74.2 114.2

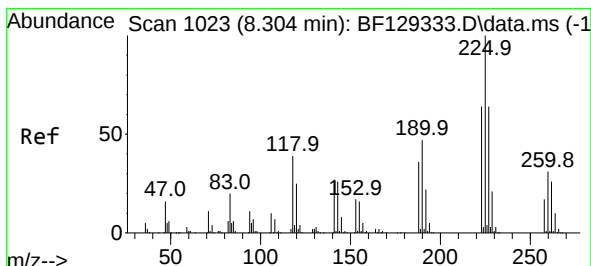
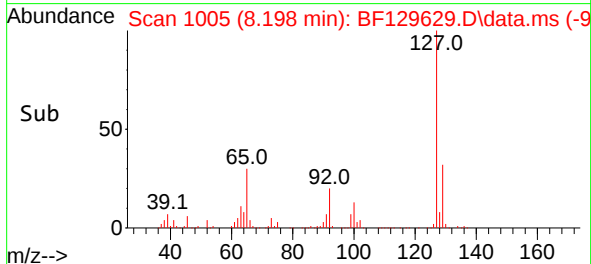
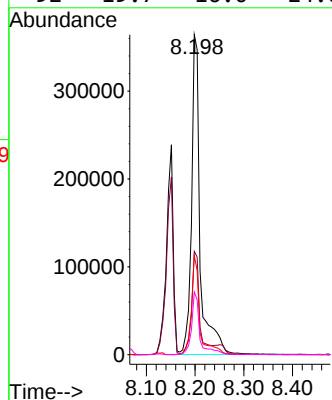
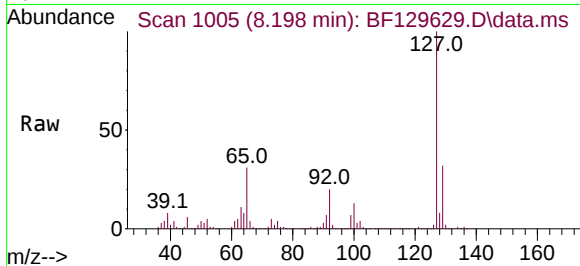




#33
4-Chloroaniline
Concen: 27.286 ng
RT: 8.198 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

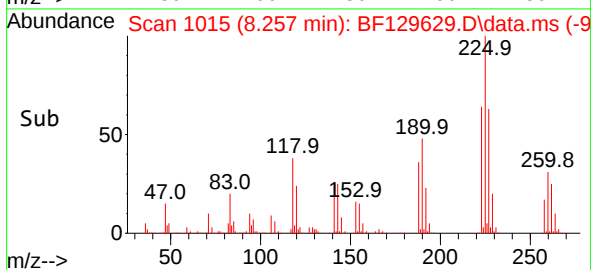
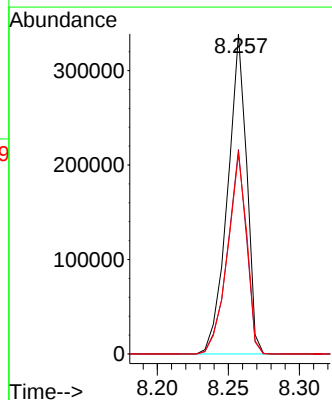
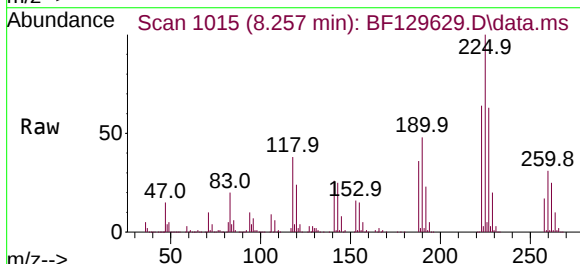
Instrument :
BNA_F
ClientSampleId :
PB146630BS

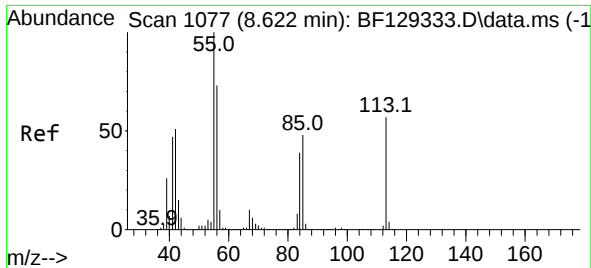
Tgt Ion:	127	Resp:	450521
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	31.1	26.4	39.6
92	19.7	16.0	24.0



#34
Hexachlorobutadiene
Concen: 47.012 ng
RT: 8.257 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:	225	Resp:	315468
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	62.5	51.1	76.7

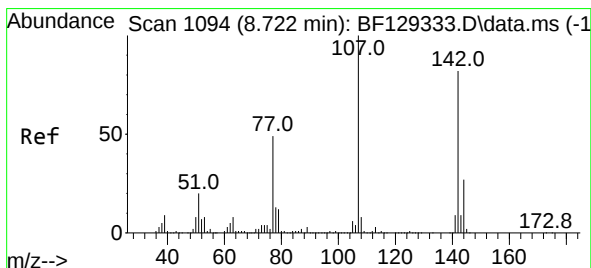
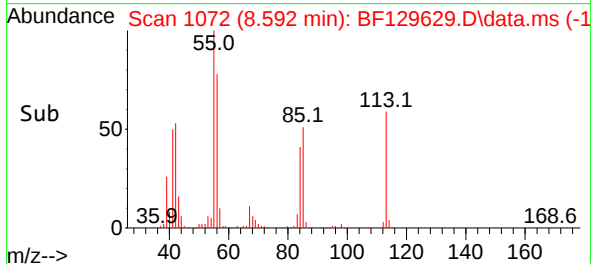
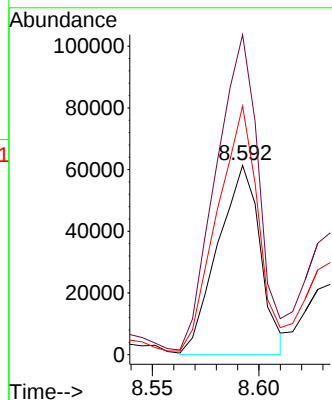
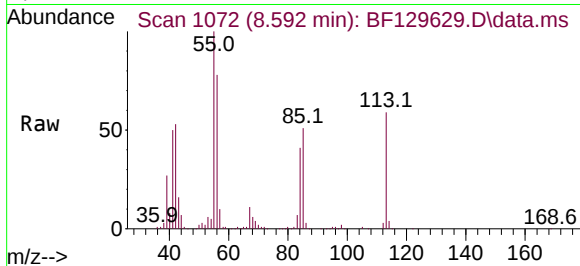




#35
 Caprolactam
 Concen: 23.029 ng
 RT: 8.592 min Scan# 1077
 Delta R.T. -0.012 min
 Lab File: BF129629.D
 Acq: 08 Aug 2022 13:04

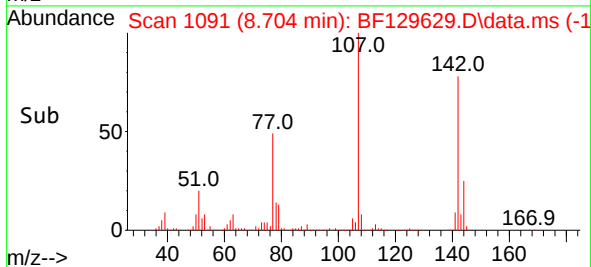
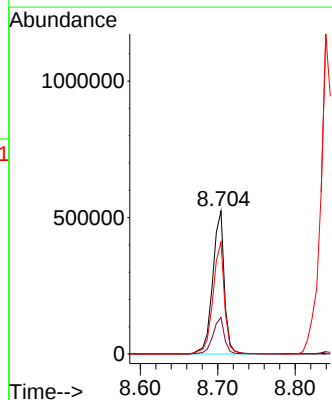
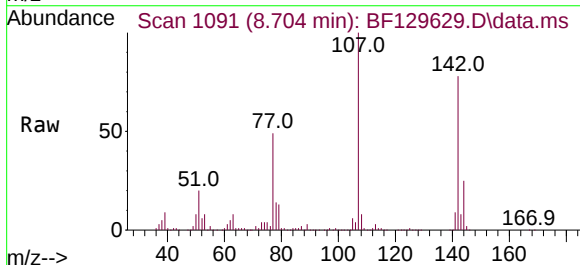
Instrument :
 BNA_F
 ClientSampleId :
 PB146630BS

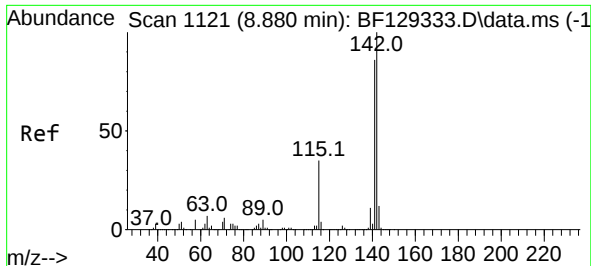
Tgt Ion:113 Resp: 85389
 Ion Ratio Lower Upper
 113 100
 55 169.0 188.5 228.5#
 56 131.3 130.6 170.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.260 ng
 RT: 8.704 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: BF129629.D
 Acq: 08 Aug 2022 13:04

Tgt Ion:107 Resp: 547469
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.5 29.3
 142 78.4 58.2 87.4





#37

2-Methylnaphthalene

Concen: 43.937 ng

RT: 8.839 min Scan# 1114

Delta R.T. -0.012 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

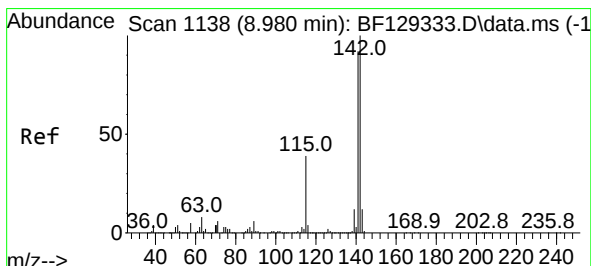
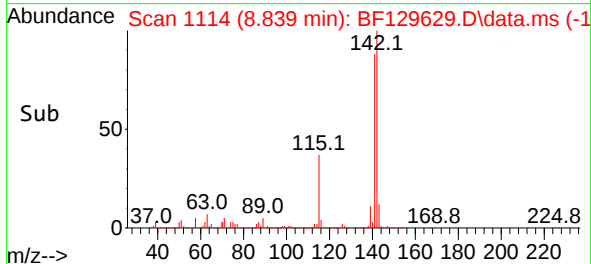
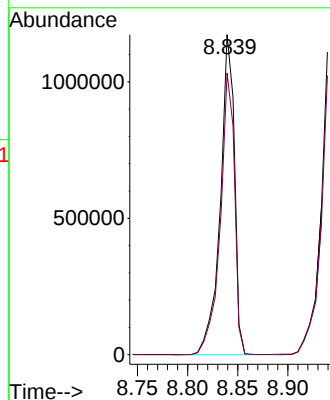
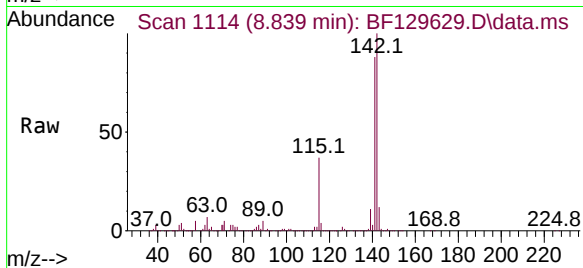
PB146630BS

Tgt Ion:142 Resp: 1148290

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.4



#38

1-Methylnaphthalene

Concen: 43.139 ng

RT: 8.939 min Scan# 1131

Delta R.T. -0.012 min

Lab File: BF129629.D

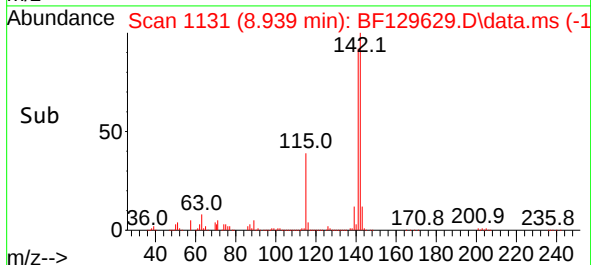
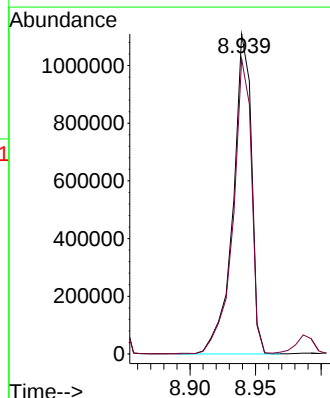
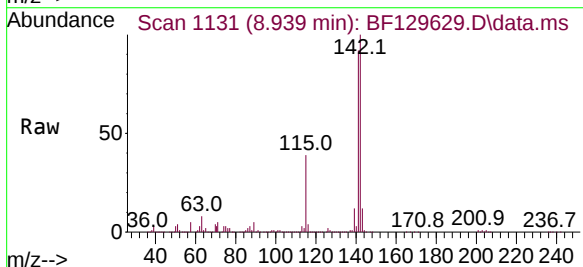
Acq: 08 Aug 2022 13:04

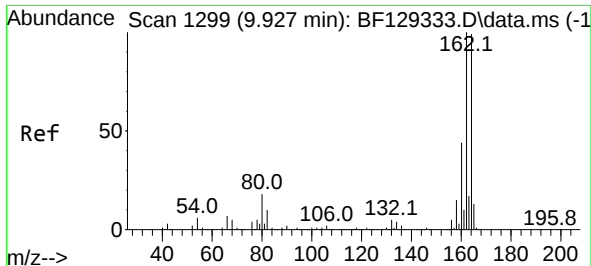
Tgt Ion:142 Resp: 1088358

Ion Ratio Lower Upper

142 100

141 92.2 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

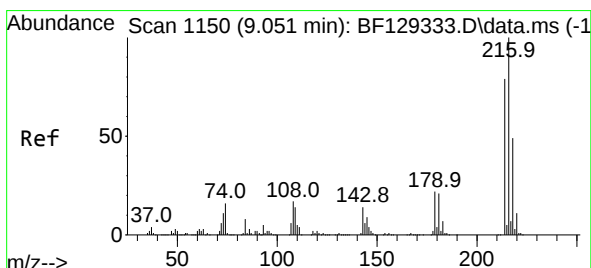
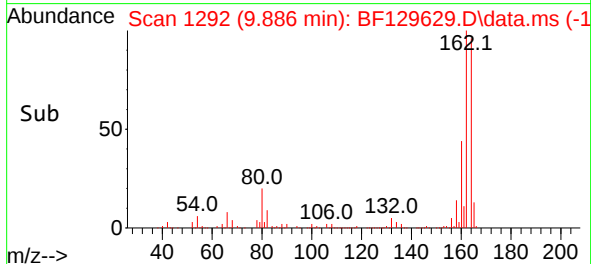
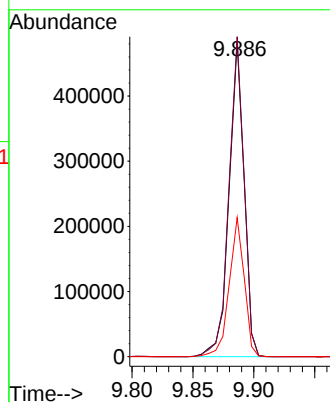
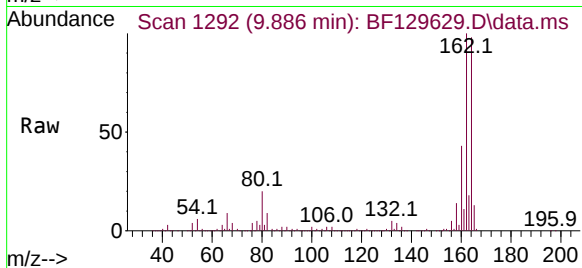
Tgt Ion:164 Resp: 416900

Ion Ratio Lower Upper

164 100

162 101.7 79.5 119.3

160 44.2 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.924 ng

RT: 9.010 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Tgt Ion:216 Resp: 502722

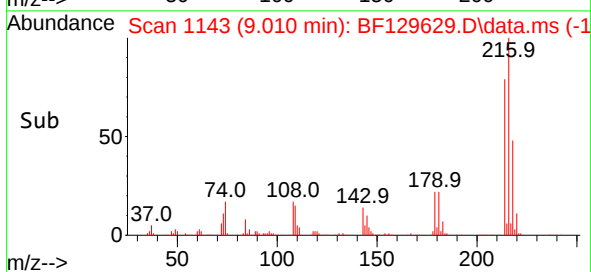
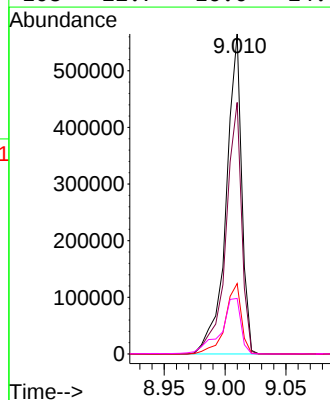
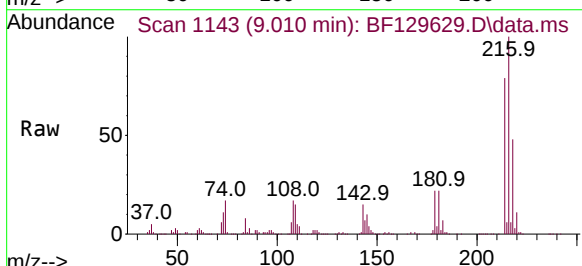
Ion Ratio Lower Upper

216 100

214 79.2 63.6 95.4

179 22.7 17.0 25.6

108 22.7 16.0 24.0

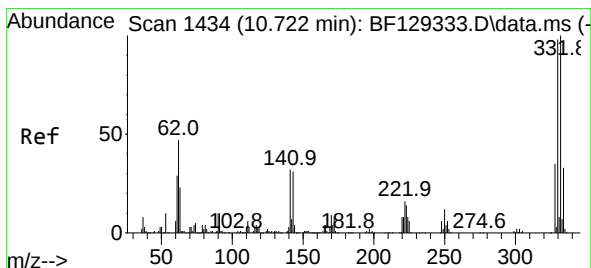
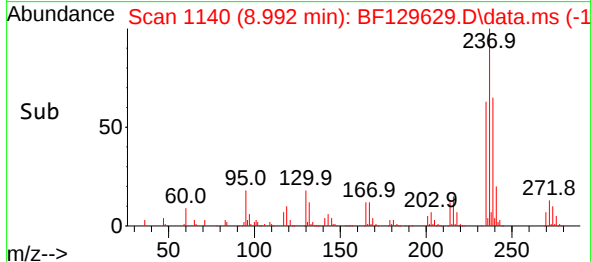
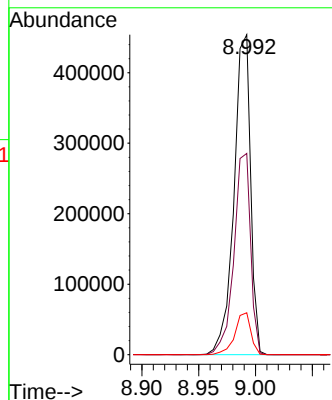
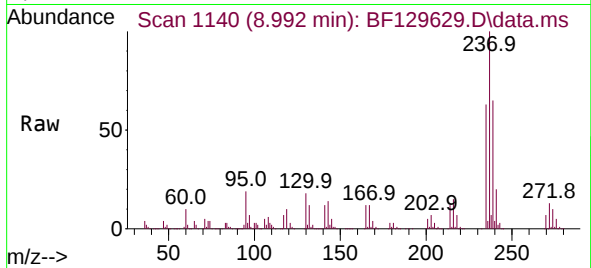




#41
Hexachlorocyclopentadiene
Concen: 94.688 ng
RT: 8.992 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

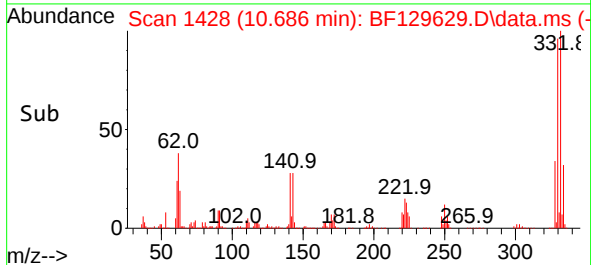
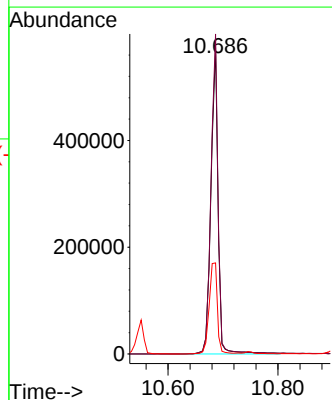
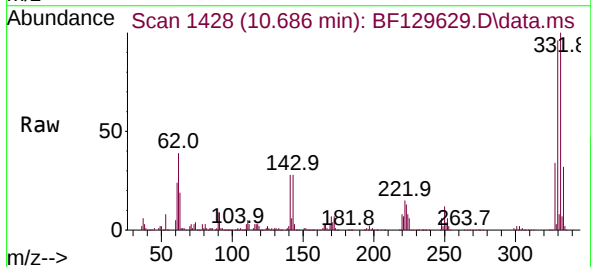
Instrument :
BNA_F
ClientSampleId :
PB146630BS

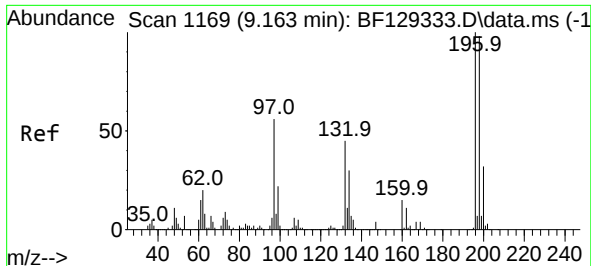
Tgt Ion:237 Resp: 461563
Ion Ratio Lower Upper
237 100
235 62.9 43.2 83.2
272 13.1 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 128.187 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:330 Resp: 513795
Ion Ratio Lower Upper
330 100
332 103.0 76.8 115.2
141 34.3 28.0 42.0

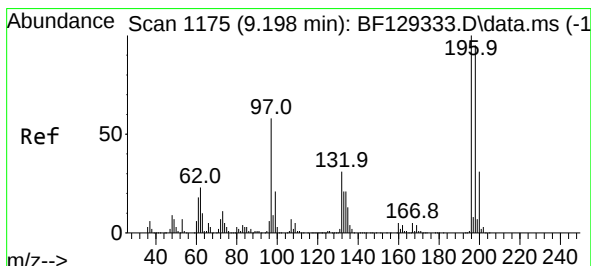
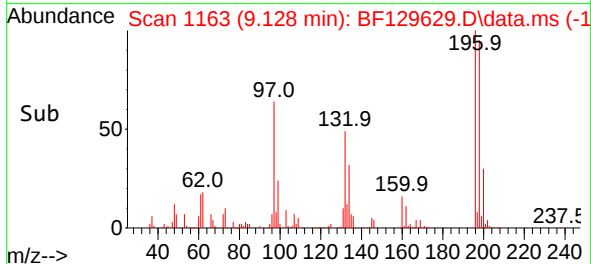
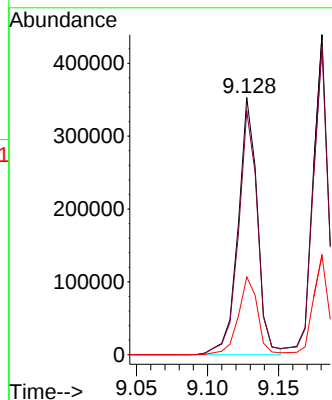
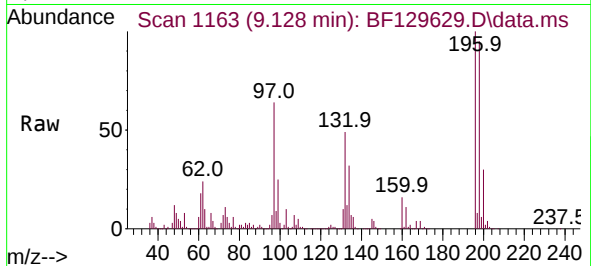




#43
2,4,6-Trichlorophenol
Concen: 41.665 ng
RT: 9.128 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

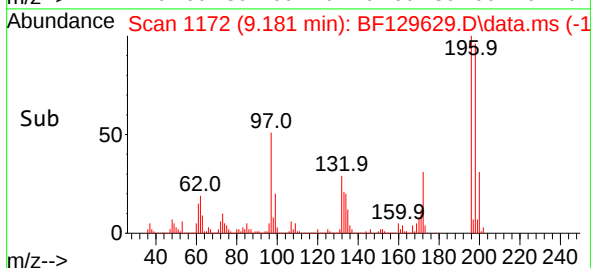
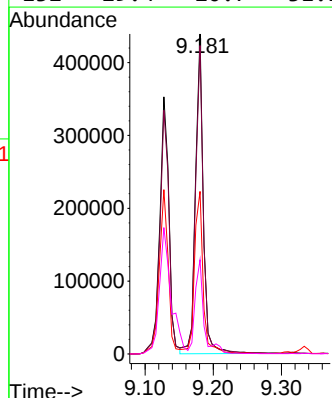
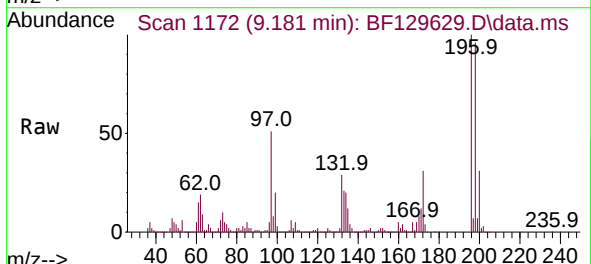
Instrument :
BNA_F
ClientSampleId :
PB146630BS

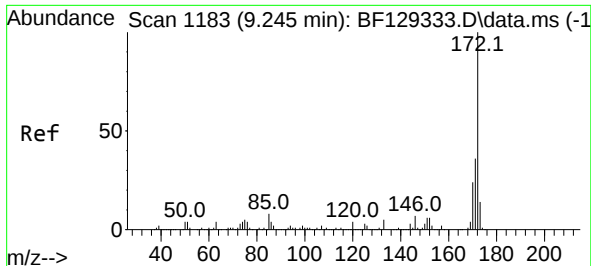
Tgt Ion:196 Resp: 331270
Ion Ratio Lower Upper
196 100
198 94.8 74.0 111.0
200 30.2 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 39.967 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:196 Resp: 345571
Ion Ratio Lower Upper
196 100
198 96.4 75.7 113.5
97 50.8 36.4 54.6
132 29.4 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 82.756 ng

RT: 9.204 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

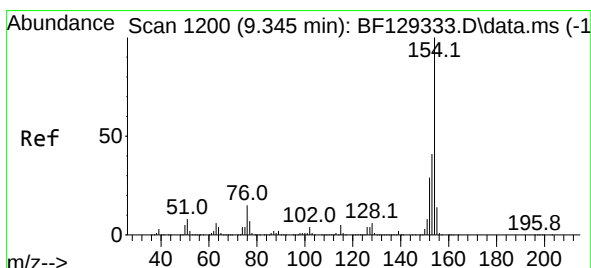
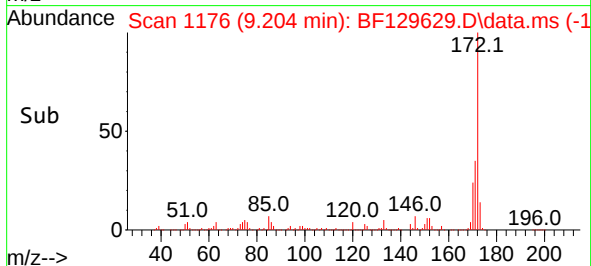
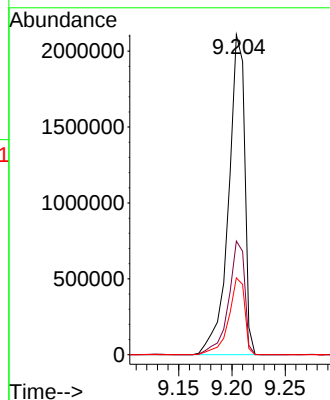
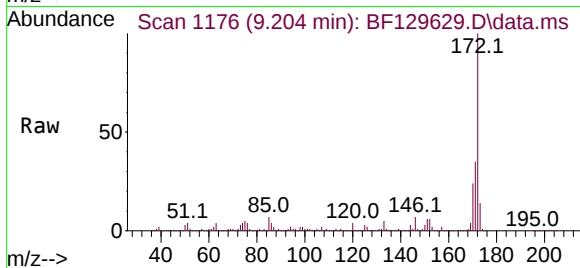
Tgt Ion:172 Resp: 2230251

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.0 19.8 29.8



#46

1,1'-Biphenyl

Concen: 44.936 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

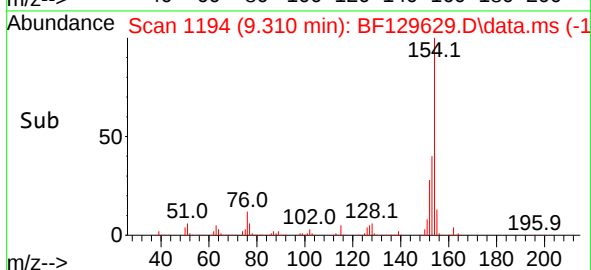
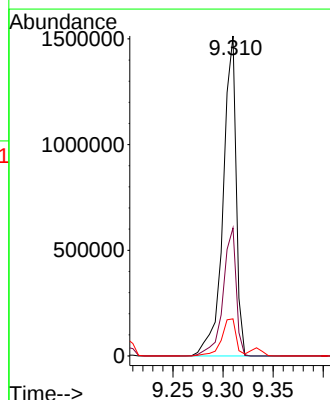
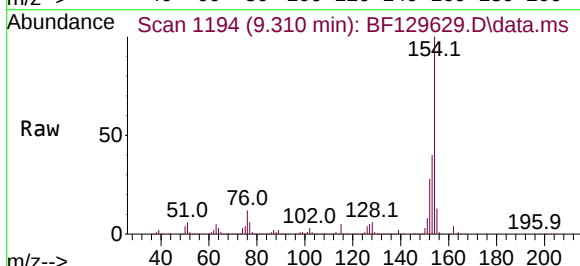
Tgt Ion:154 Resp: 1367193

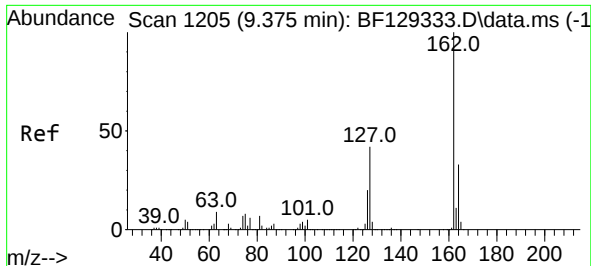
Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

76 11.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 43.390 ng

RT: 9.333 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

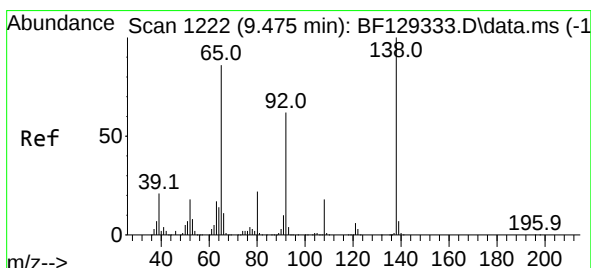
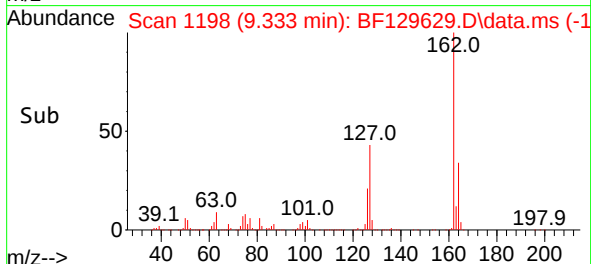
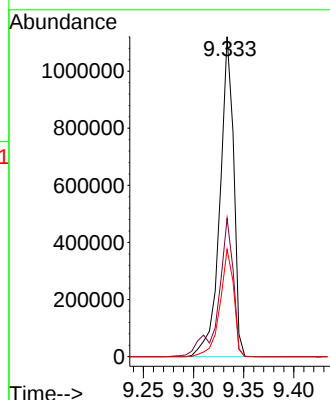
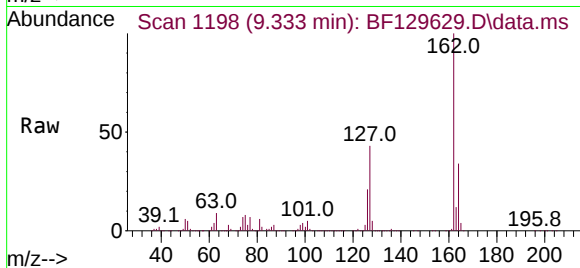
Tgt Ion:162 Resp: 1067225

Ion Ratio Lower Upper

162 100

127 43.3 34.5 51.7

164 33.6 26.5 39.7



#48

2-Nitroaniline

Concen: 41.323 ng

RT: 9.439 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

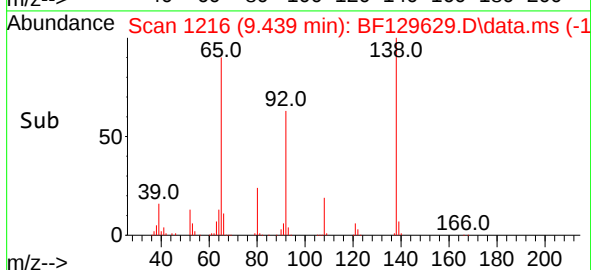
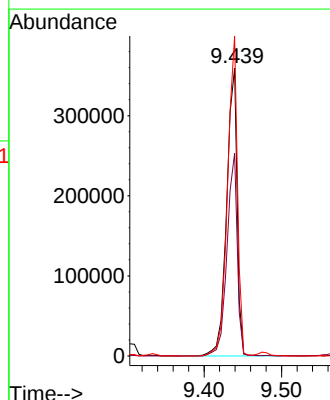
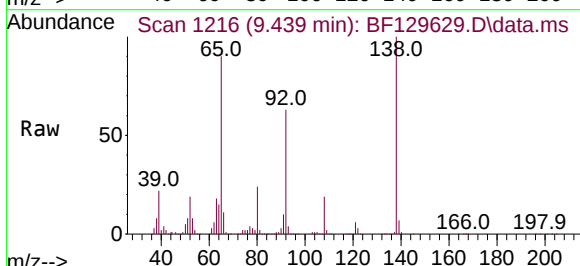
Tgt Ion: 65 Resp: 337970

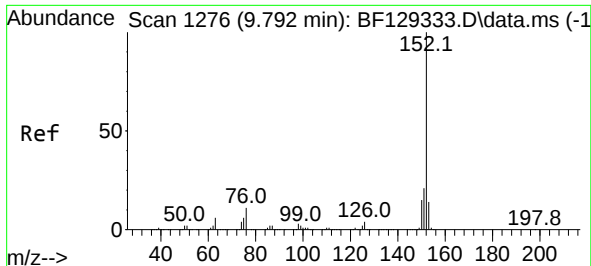
Ion Ratio Lower Upper

65 100

92 70.5 51.9 77.9

138 111.3 76.4 114.6





#49

Acenaphthylene

Concen: 44.394 ng

RT: 9.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

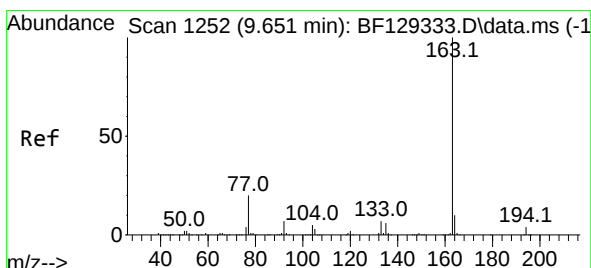
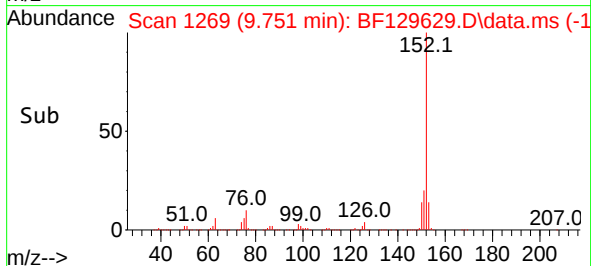
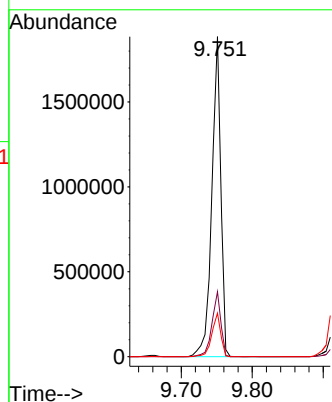
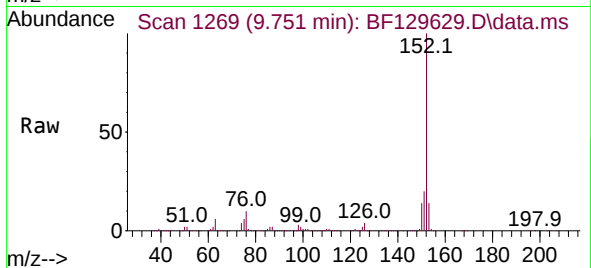
Tgt Ion:152 Resp: 1659141

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.6 10.7 16.1



#50

Dimethylphthalate

Concen: 44.335 ng

RT: 9.610 min Scan# 1245

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

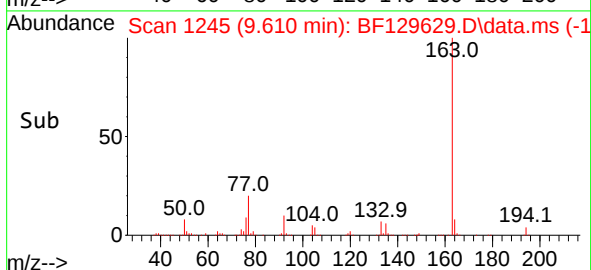
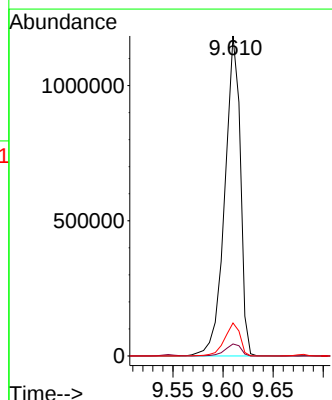
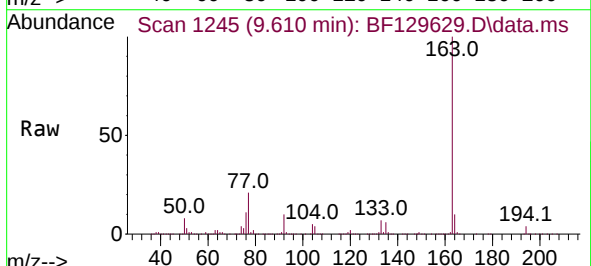
Tgt Ion:163 Resp: 1275946

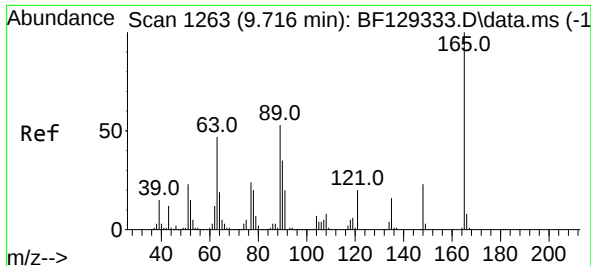
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.3 8.2 12.2

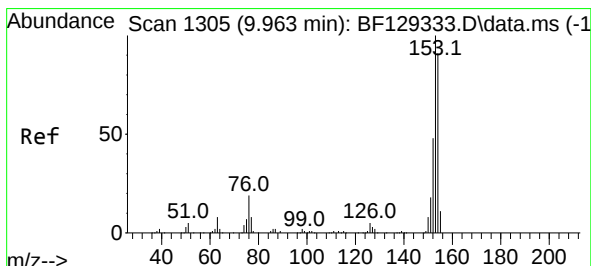
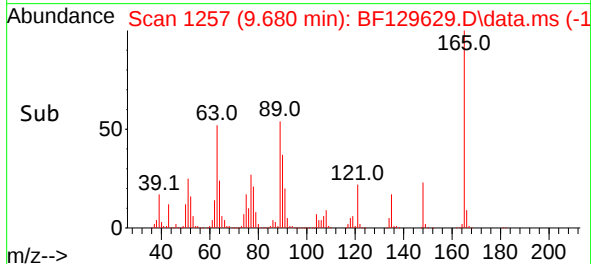
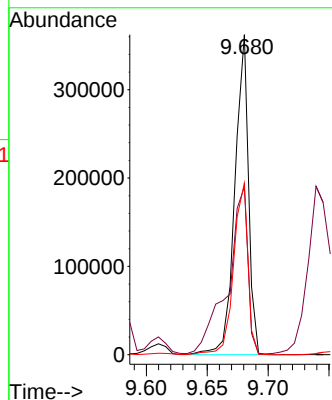
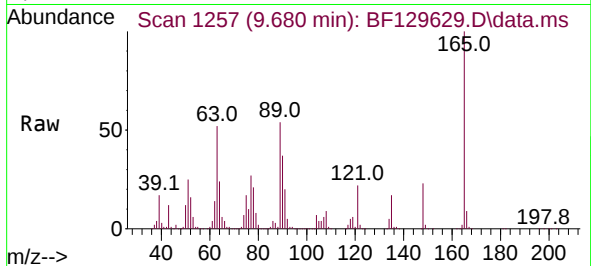




#51
2,6-Dinitrotoluene
Concen: 43.834 ng
RT: 9.680 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

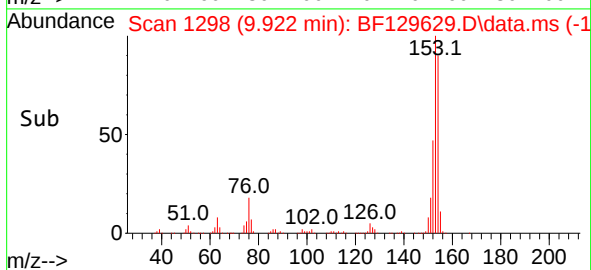
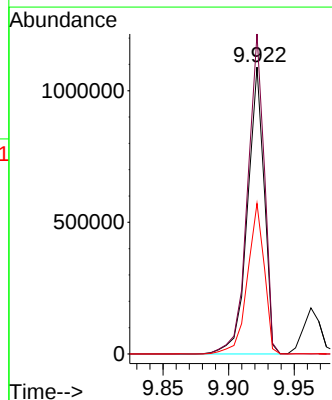
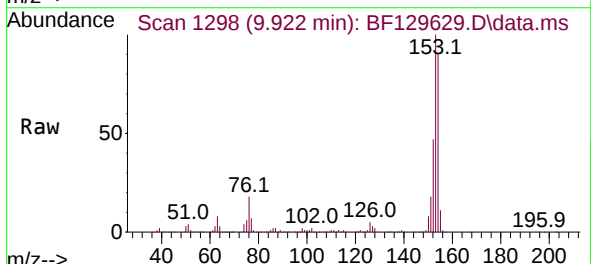
Instrument :
BNA_F
ClientSampleId :
PB146630BS

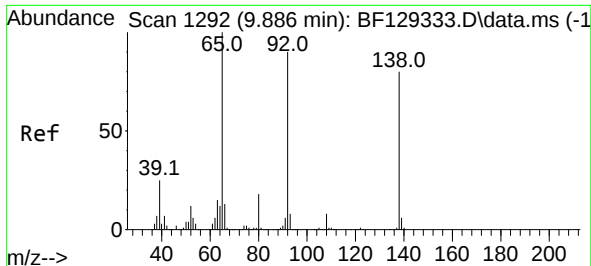
Tgt Ion:165 Resp: 282355
Ion Ratio Lower Upper
165 100
63 52.5 44.9 67.3
89 53.6 43.6 65.4



#52
Acenaphthene
Concen: 39.514 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:154 Resp: 964547
Ion Ratio Lower Upper
154 100
153 111.6 89.6 134.4
152 52.5 42.4 63.6

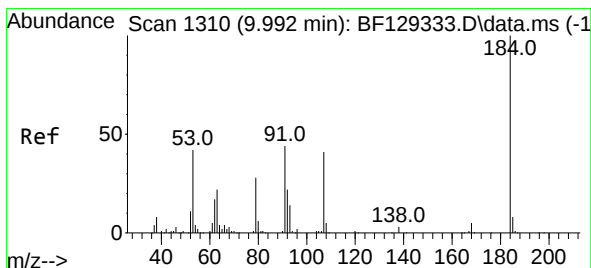
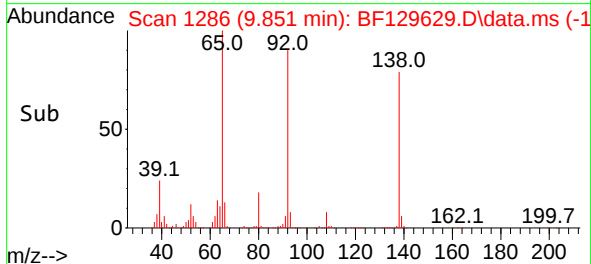
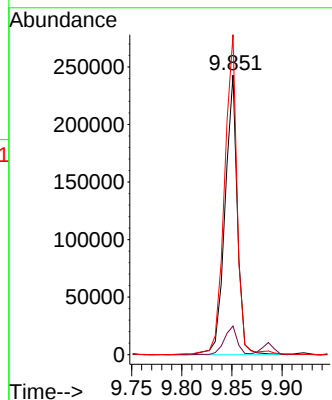
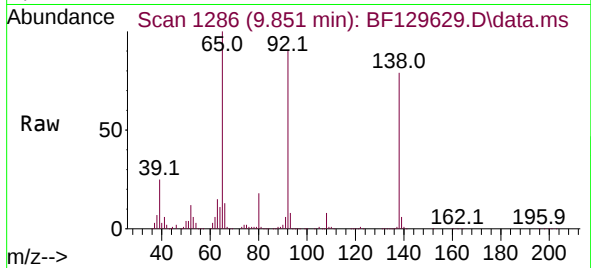




#53
3-Nitroaniline
Concen: 27.313 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

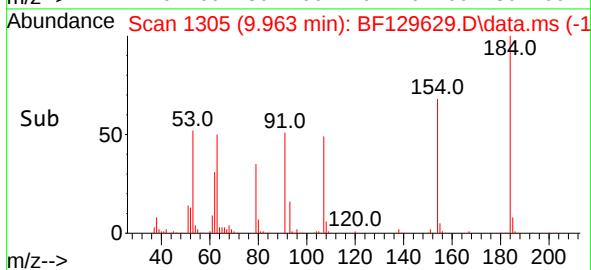
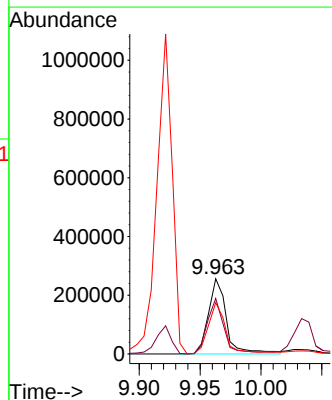
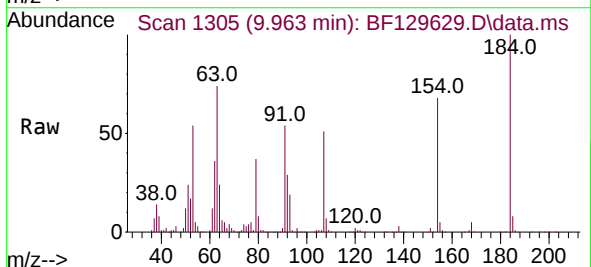
Instrument :
BNA_F
ClientSampleId :
PB146630BS

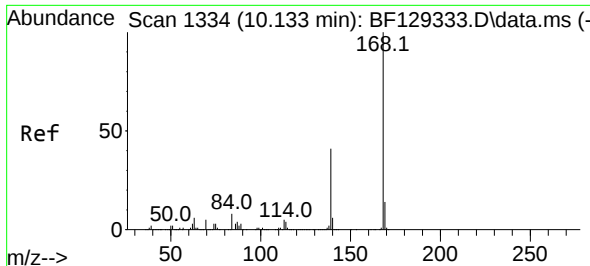
Tgt Ion:138 Resp: 207752
Ion Ratio Lower Upper
138 100
108 10.3 10.9 16.3#
92 114.5 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 80.202 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:184 Resp: 263735
Ion Ratio Lower Upper
184 100
63 73.9 64.5 96.7
154 68.4 50.6 75.8

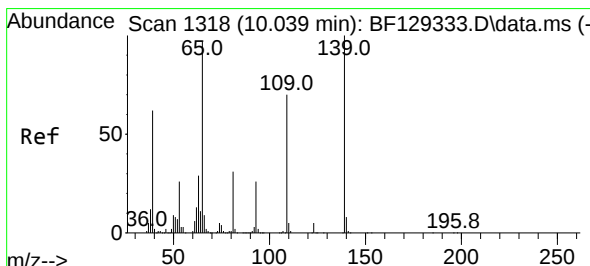
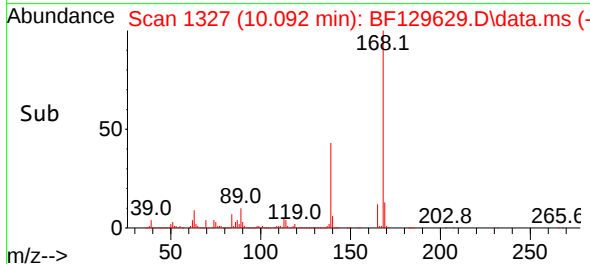
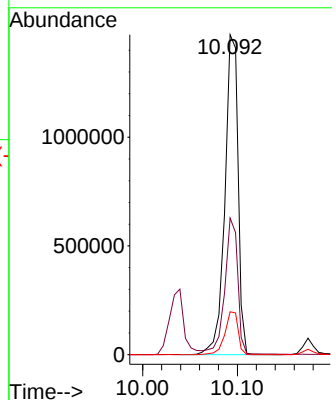
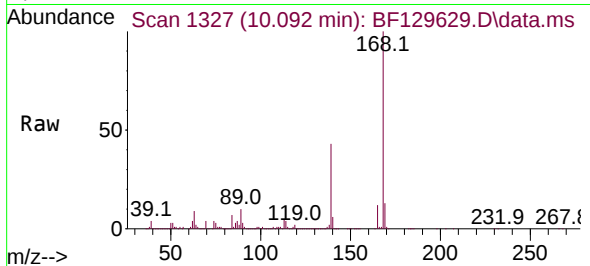




#55
Dibenzenofuran
Concen: 42.507 ng
RT: 10.092 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

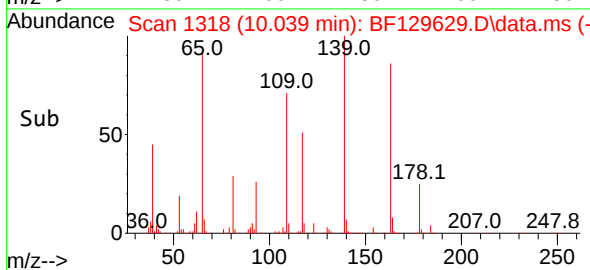
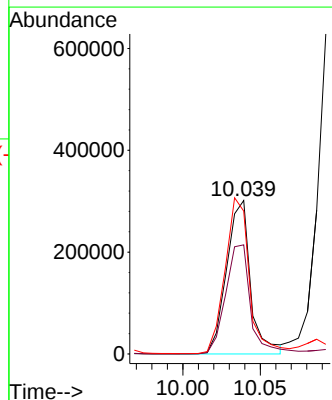
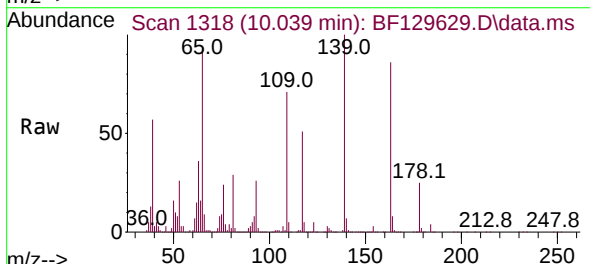
Instrument :
BNA_F
ClientSampleId :
PB146630BS

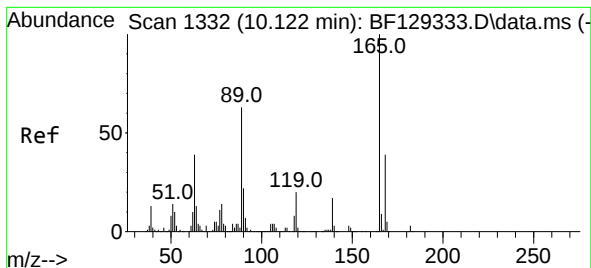
Tgt Ion:168 Resp: 1430362
Ion Ratio Lower Upper
168 100
139 42.7 30.6 46.0
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 57.647 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:139 Resp: 323495
Ion Ratio Lower Upper
139 100
109 71.1 50.7 90.7
65 93.1 74.5 114.5

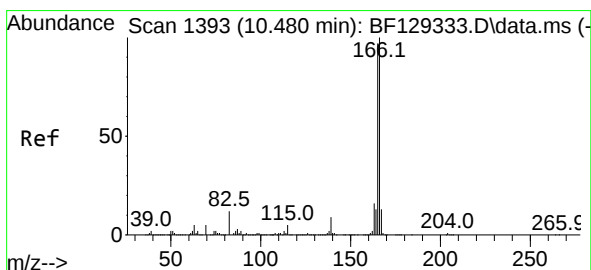
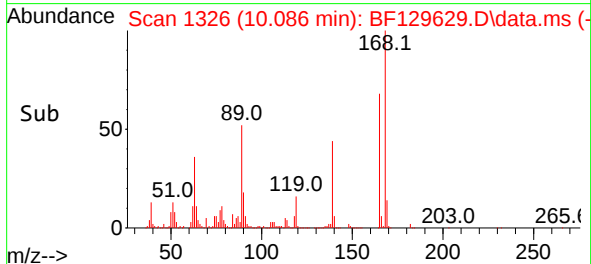
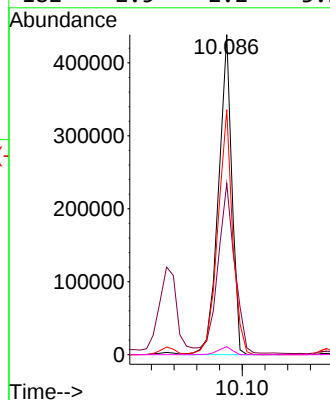
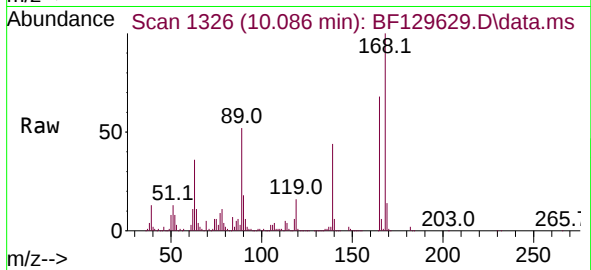




#57
2,4-Dinitrotoluene
Concen: 42.933 ng
RT: 10.086 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

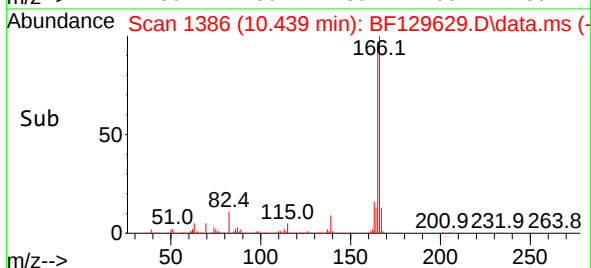
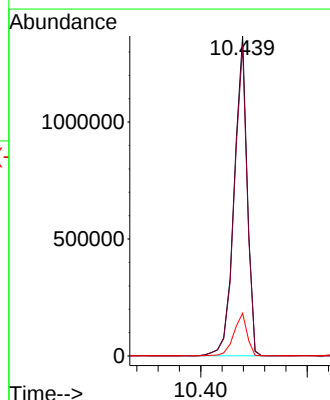
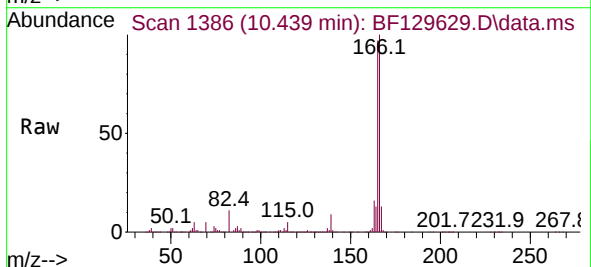
Instrument :
BNA_F
ClientSampleId :
PB146630BS

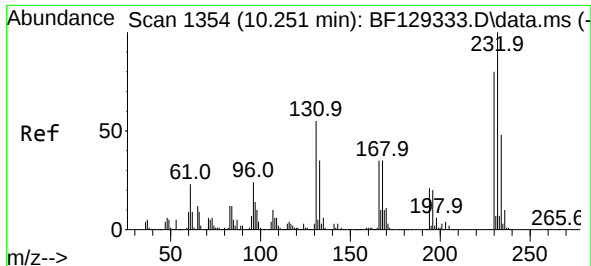
Tgt Ion:165 Resp: 361278
Ion Ratio Lower Upper
165 100
63 53.5 39.8 59.6
89 76.6 60.2 90.2
182 2.5 2.2 3.2



#58
Fluorene
Concen: 43.024 ng
RT: 10.439 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

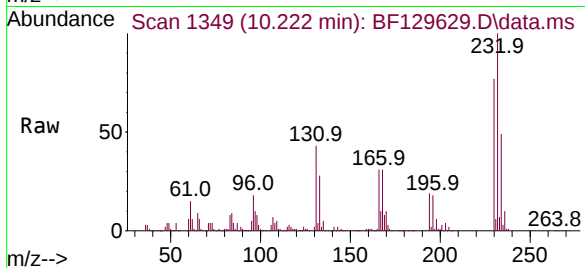
Tgt Ion:166 Resp: 1158385
Ion Ratio Lower Upper
166 100
165 96.9 78.1 117.1
167 13.4 10.5 15.7



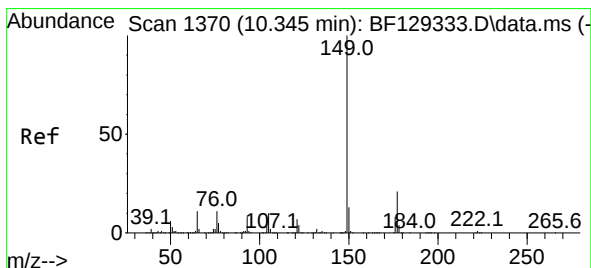
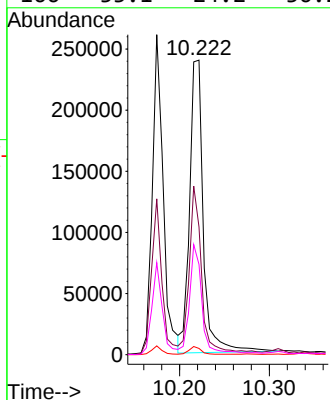
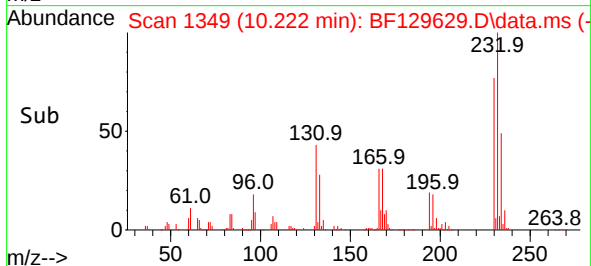


#59
2,3,4,6-Tetrachlorophenol
Concen: 38.171 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

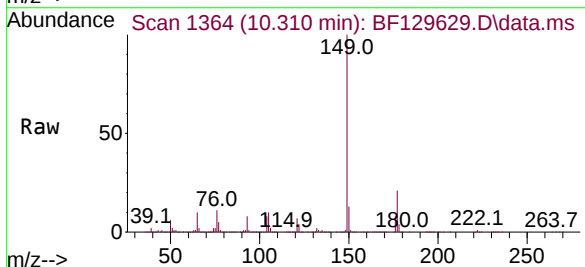
Instrument :
BNA_F
ClientSampleId :
PB146630BS



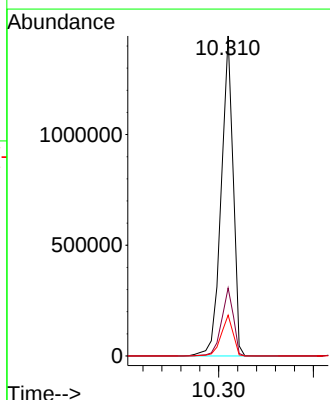
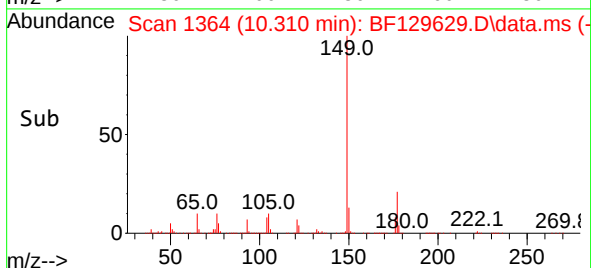
Tgt Ion:232 Resp: 255050
Ion Ratio Lower Upper
232 100
131 49.8 36.1 54.1
130 2.4 1.8 2.8
166 33.1 24.2 36.2

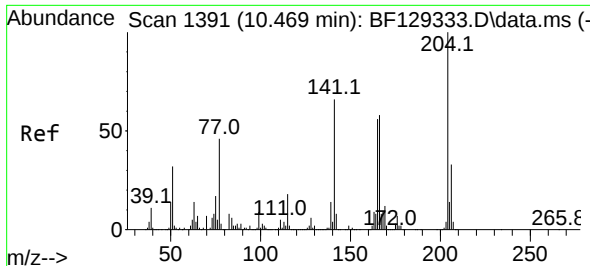


#60
Diethylphthalate
Concen: 45.561 ng
RT: 10.310 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04



Tgt Ion:149 Resp: 1267562
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 12.7 10.2 15.2

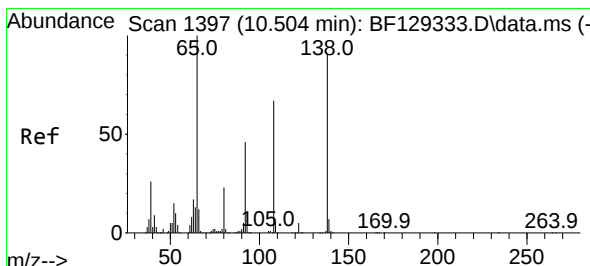
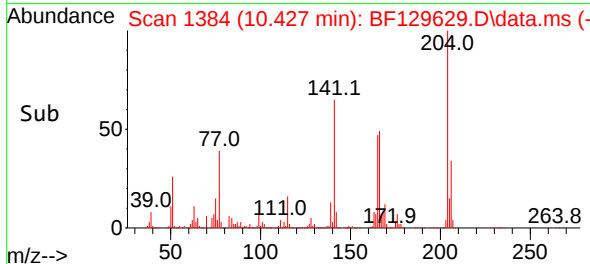
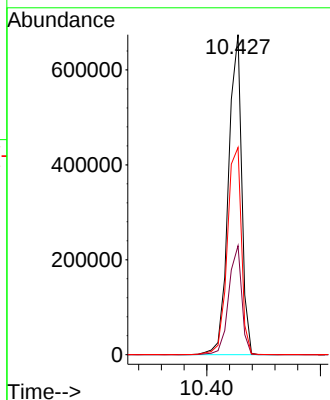
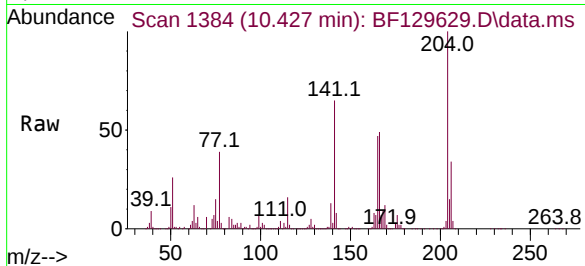




#61
4-Chlorophenyl-phenylether
Concen: 45.988 ng
RT: 10.427 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

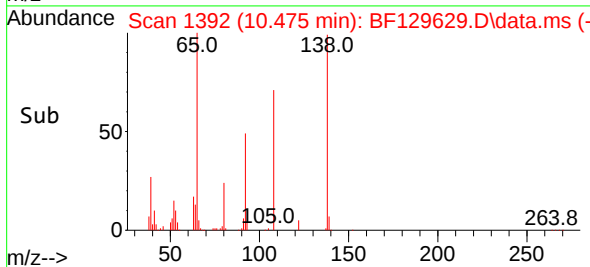
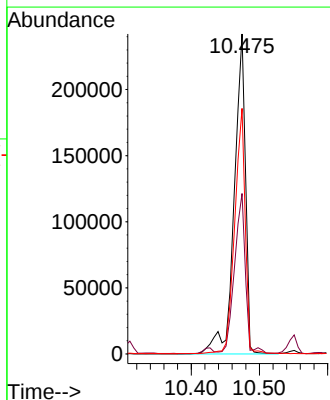
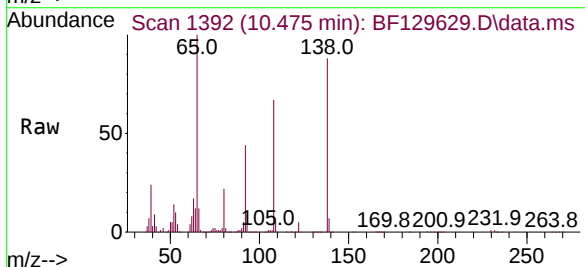
Instrument :
BNA_F
ClientSampleId :
PB146630BS

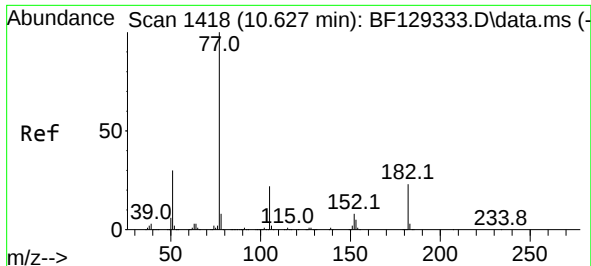
Tgt Ion:204 Resp: 545860
Ion Ratio Lower Upper
204 100
206 34.1 25.8 38.6
141 64.8 47.0 70.4



#62
4-Nitroaniline
Concen: 36.905 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:138 Resp: 278470
Ion Ratio Lower Upper
138 100
92 50.2 33.5 73.5
108 76.7 61.0 101.0



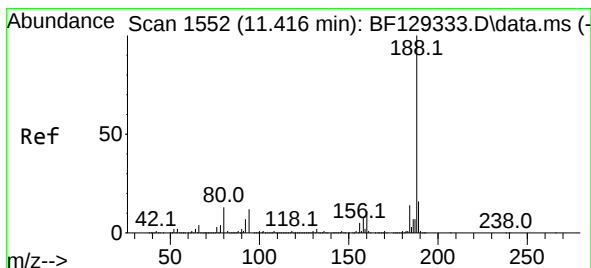
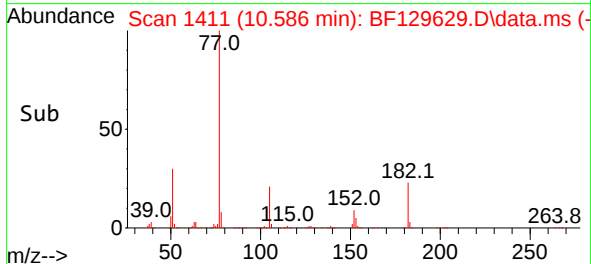
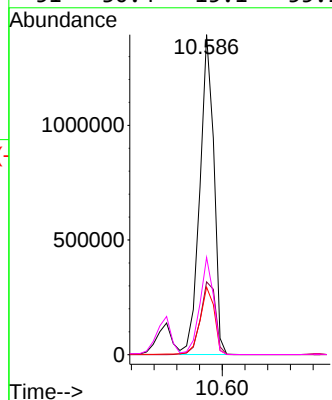
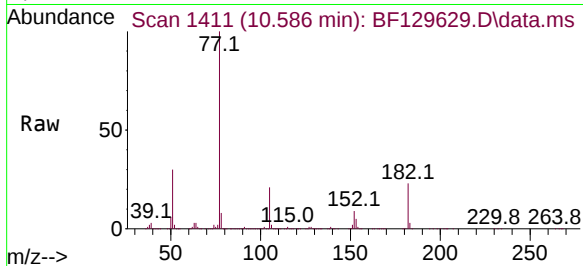


#63
Azobenzene
Concen: 42.029 ng
RT: 10.586 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Instrument :
BNA_F
ClientSampleId :
PB146630BS

Tgt Ion: 77 Resp: 1192652

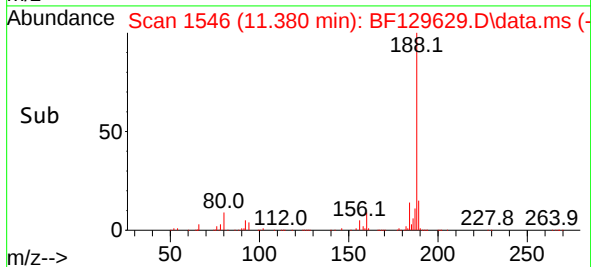
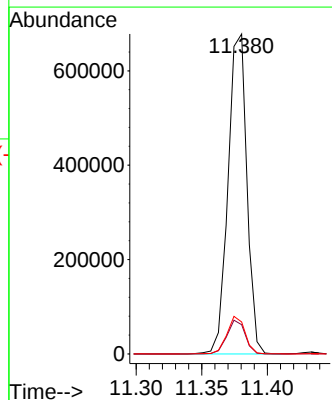
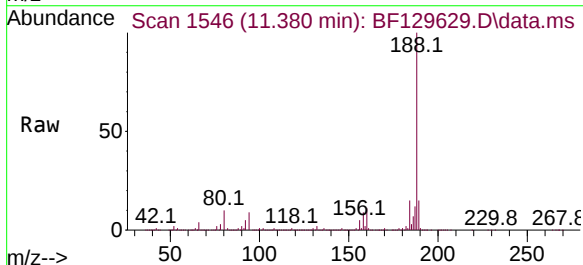
Ion	Ratio	Lower	Upper
77	100		
182	22.8	5.6	45.6
105	21.1	1.6	41.6
51	30.4	15.1	55.1

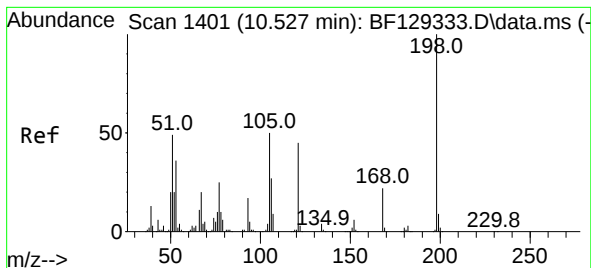


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion: 188 Resp: 677114

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.6
80	10.0	7.6	11.4

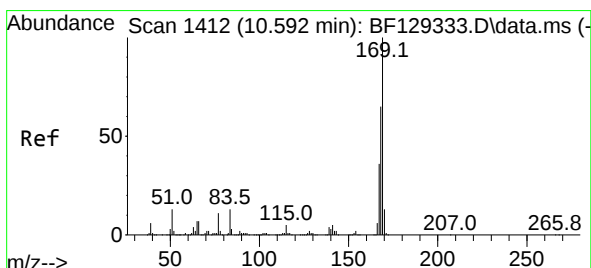
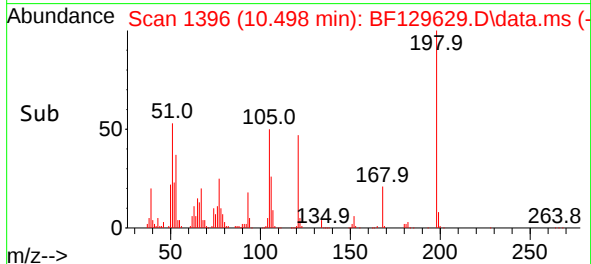
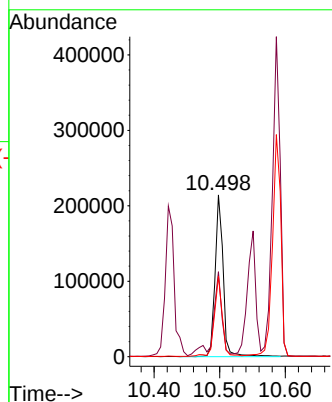
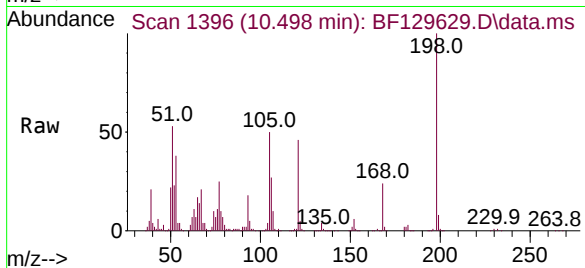




#65
4,6-Dinitro-2-methylphenol
Concen: 43.220 ng
RT: 10.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

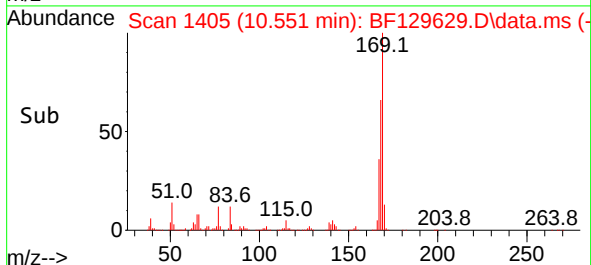
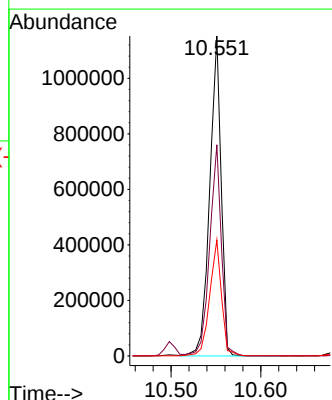
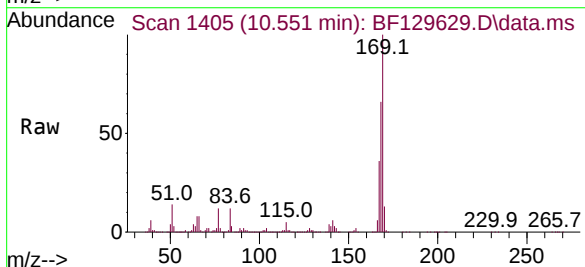
Instrument :
BNA_F
ClientSampleId :
PB146630BS

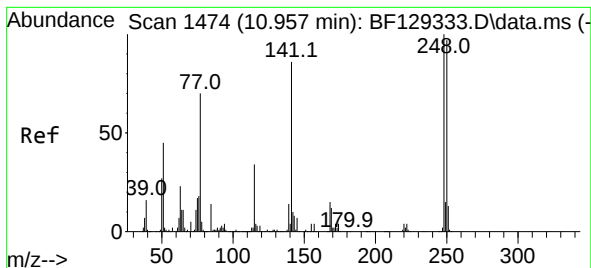
Tgt Ion:198 Resp: 184712
Ion Ratio Lower Upper
198 100
51 52.5 37.6 77.6
105 49.7 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 45.225 ng
RT: 10.551 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:169 Resp: 1019810
Ion Ratio Lower Upper
169 100
168 66.0 50.1 75.1
167 36.3 27.9 41.9

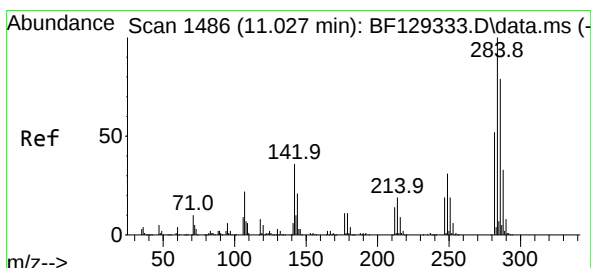
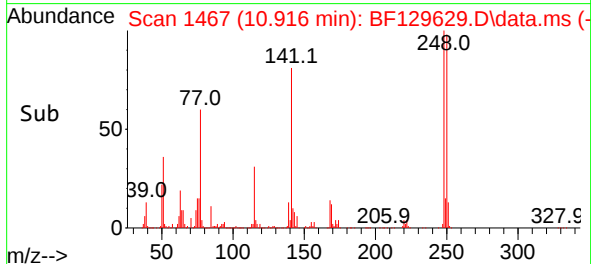
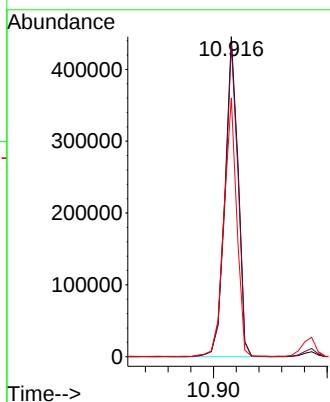
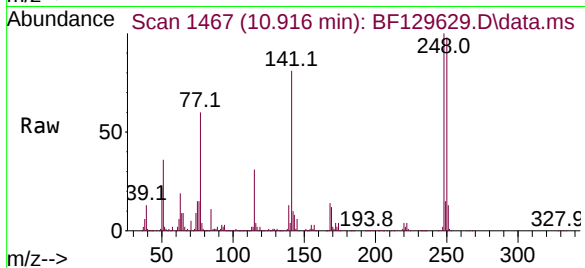




#67
4-Bromophenyl-phenylether
Concen: 48.245 ng
RT: 10.916 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

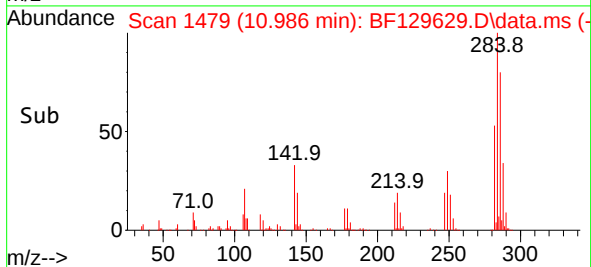
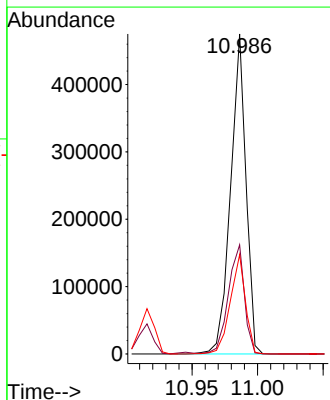
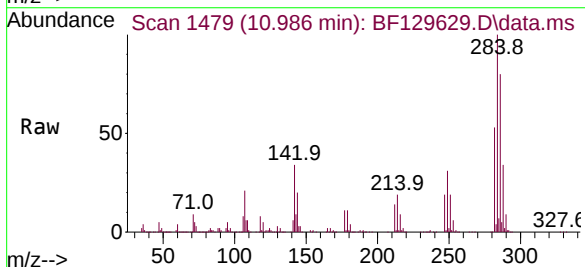
Instrument :
BNA_F
ClientSampleId :
PB146630BS

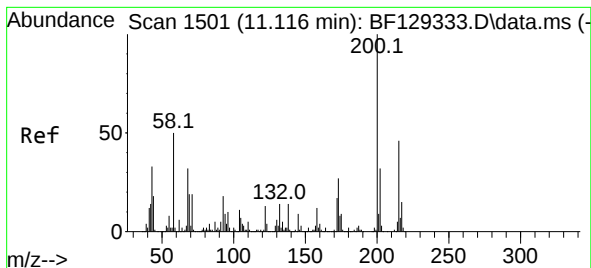
Tgt Ion:248 Resp: 357721
Ion Ratio Lower Upper
248 100
250 97.6 80.6 120.8
141 80.8 58.9 88.3



#68
Hexachlorobenzene
Concen: 48.185 ng
RT: 10.986 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:284 Resp: 387117
Ion Ratio Lower Upper
284 100
142 34.1 29.0 43.4
249 31.0 25.0 37.6





#69

Atrazine

Concen: 45.829 ng

RT: 11.080 min Scan# 1495

Delta R.T. -0.000 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

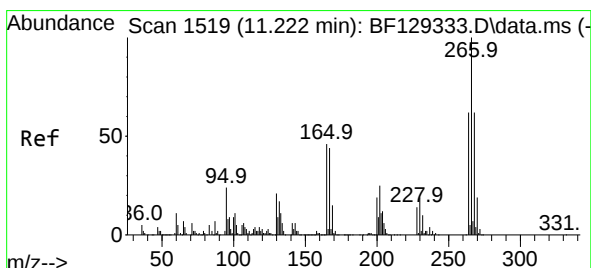
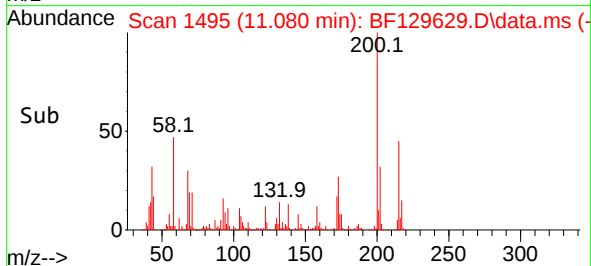
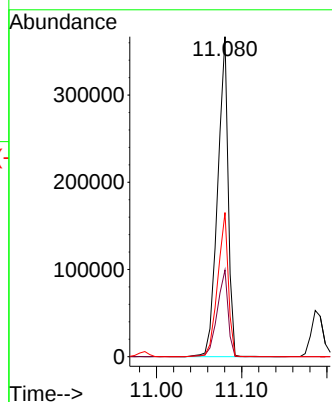
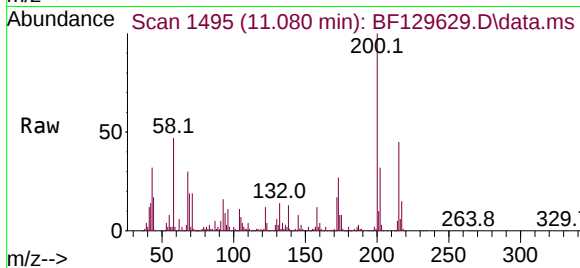
Tgt Ion:200 Resp: 313894

Ion Ratio Lower Upper

200 100

173 27.1 6.3 46.3

215 45.0 28.3 68.3



#70

Pentachlorophenol

Concen: 68.352 ng

RT: 11.186 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

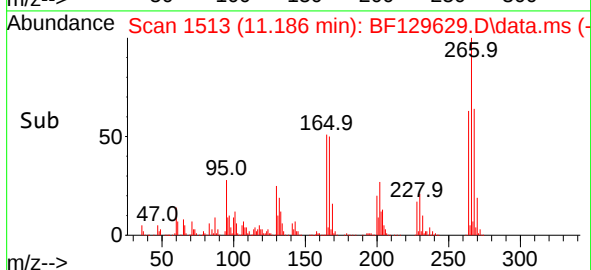
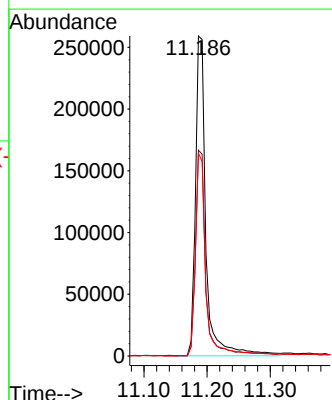
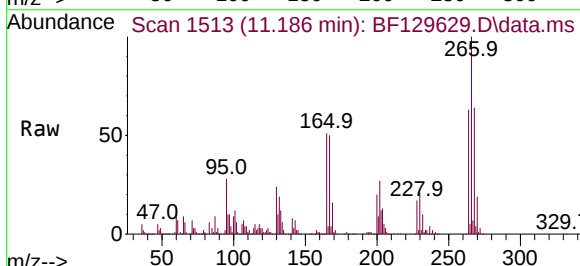
Tgt Ion:266 Resp: 298528

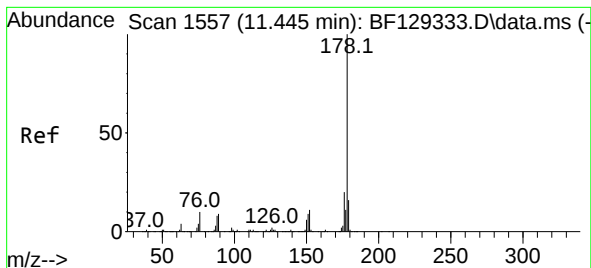
Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.4

264 63.4 49.4 74.2





#71

Phenanthrene

Concen: 43.754 ng

RT: 11.404 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

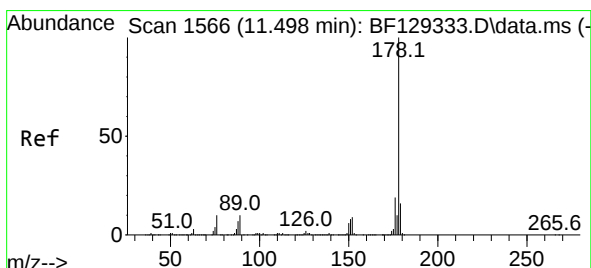
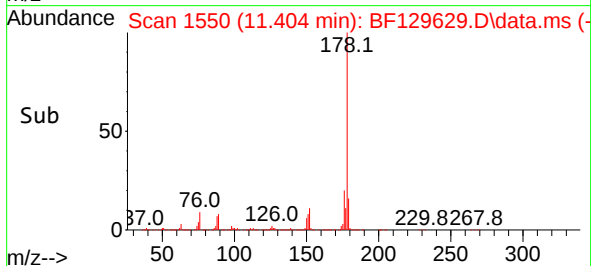
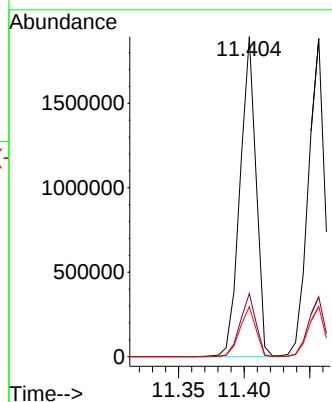
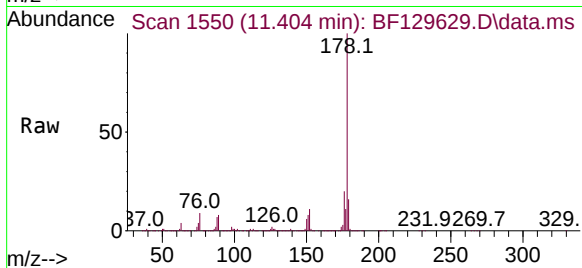
Tgt Ion:178 Resp: 1617227

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 15.6 12.6 19.0



#72

Anthracene

Concen: 44.636 ng

RT: 11.457 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

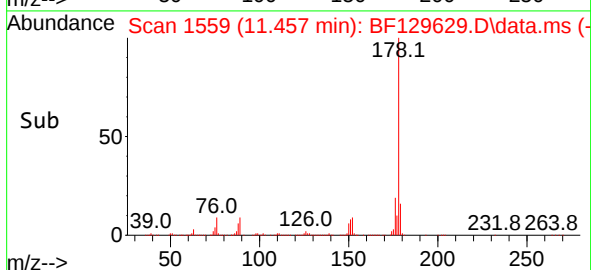
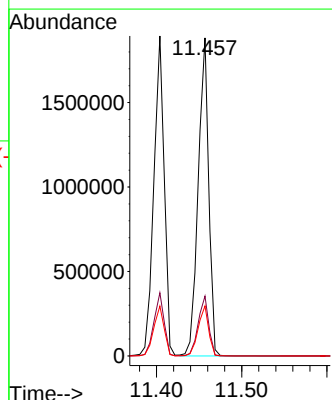
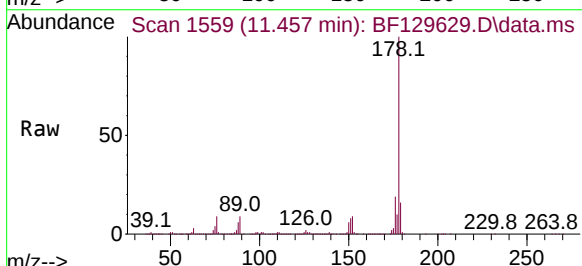
Tgt Ion:178 Resp: 1621305

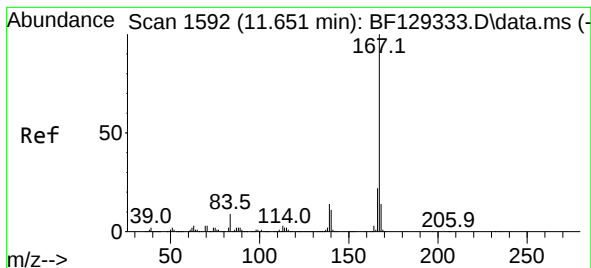
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.8 12.6 19.0





#73

Carbazole

Concen: 42.936 ng

RT: 11.616 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

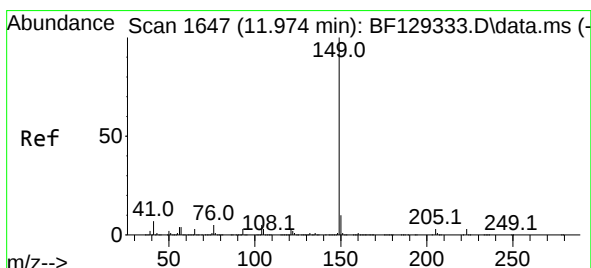
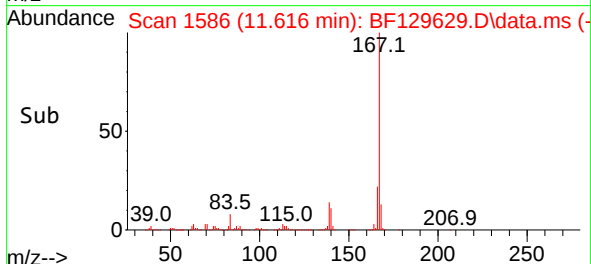
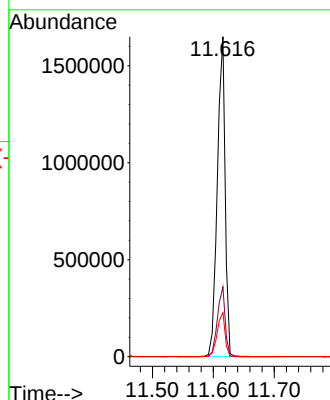
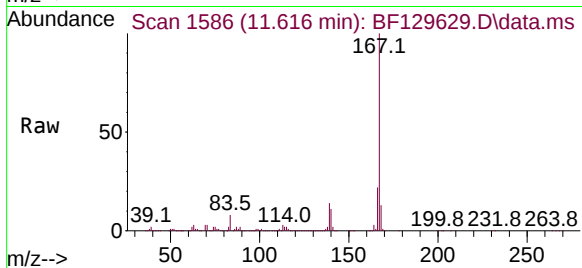
Tgt Ion:167 Resp: 1468063

Ion Ratio Lower Upper

167 100

166 21.8 17.7 26.5

139 13.8 11.2 16.8



#74

Di-n-butylphthalate

Concen: 47.828 ng

RT: 11.927 min Scan# 1639

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

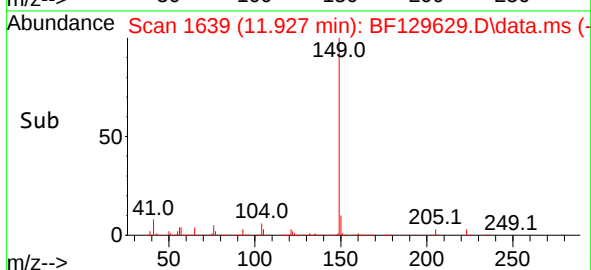
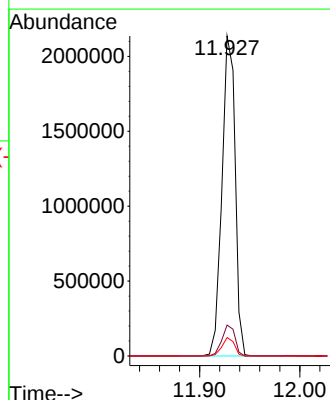
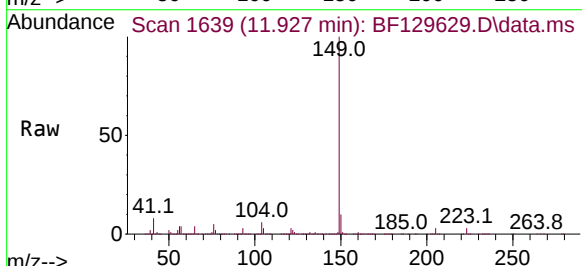
Tgt Ion:149 Resp: 1947499

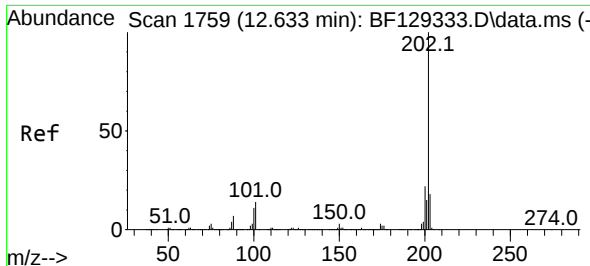
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 5.8 4.4 6.6

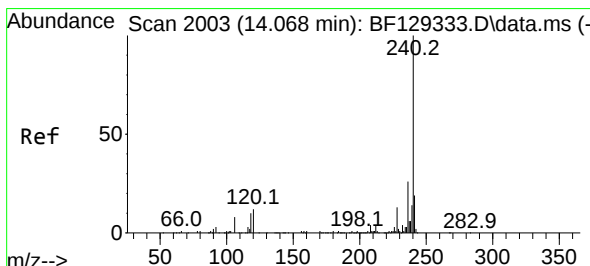
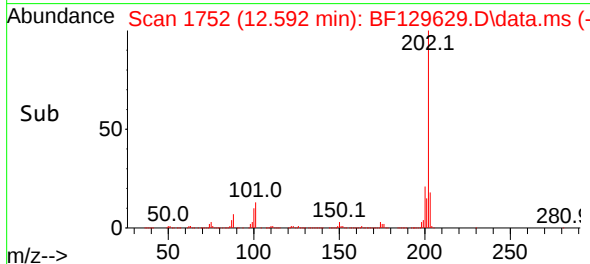
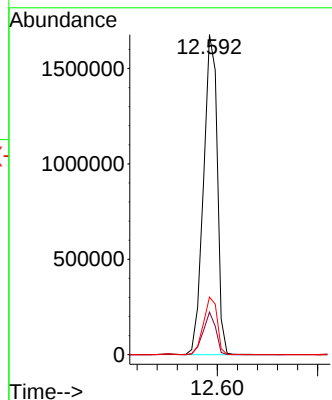
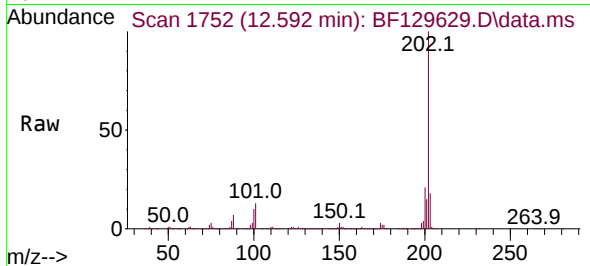




#75
Fluoranthene
Concen: 42.866 ng
RT: 12.592 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

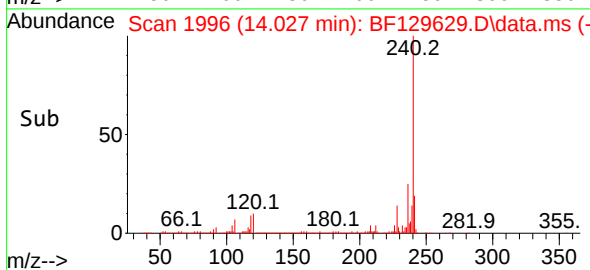
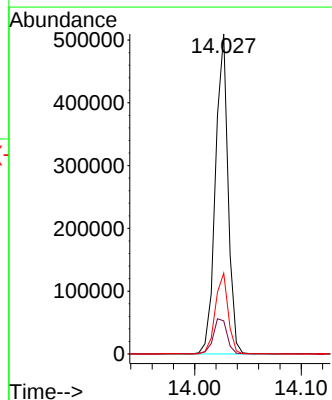
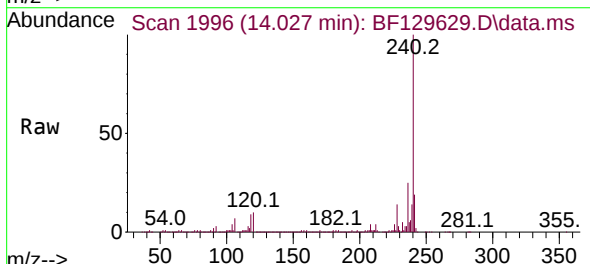
Instrument :
BNA_F
ClientSampleId :
PB146630BS

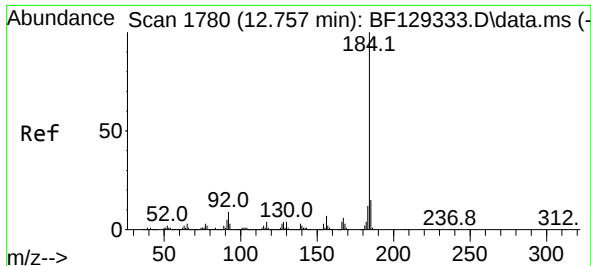
Tgt Ion:202 Resp: 1605380
Ion Ratio Lower Upper
202 100
101 13.3 0.0 31.4
203 18.0 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:240 Resp: 417967
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.3 20.8 31.2

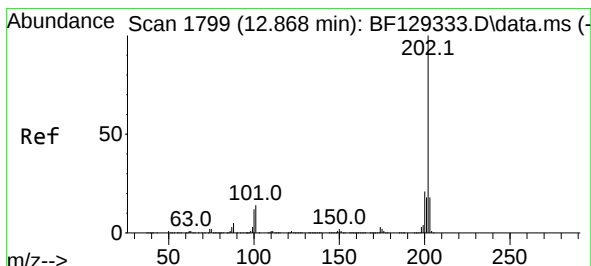
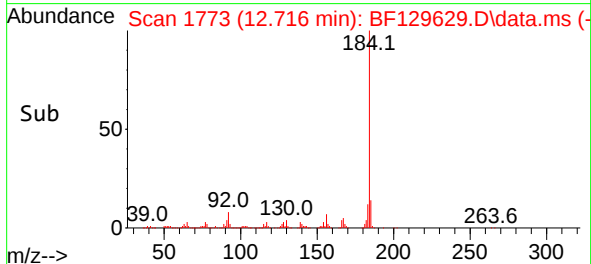
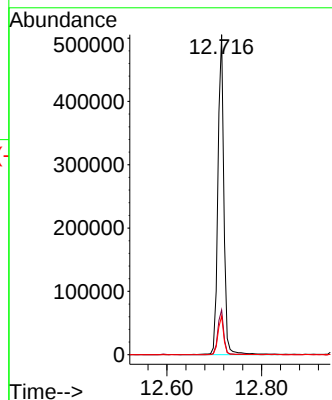
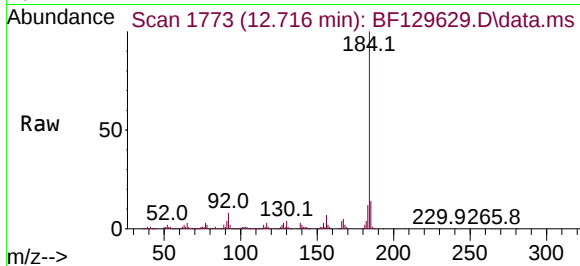




#77
Benzidine
Concen: 29.880 ng
RT: 12.716 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

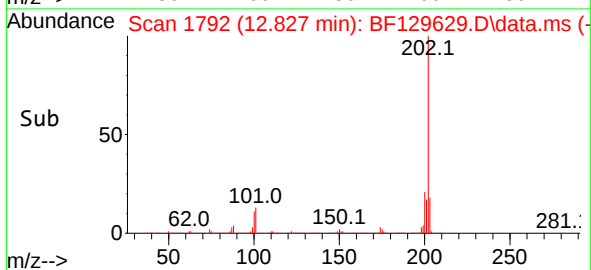
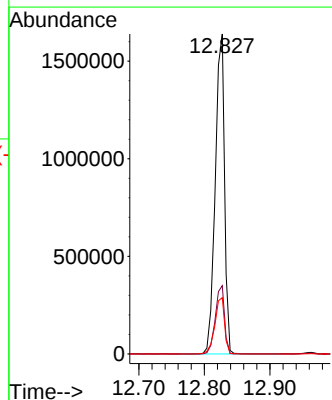
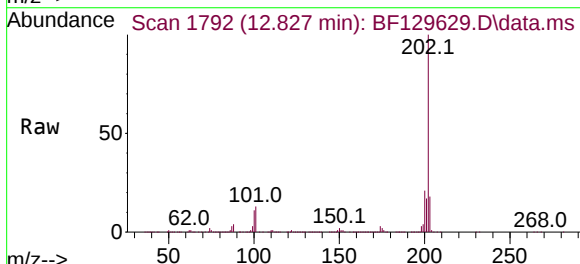
Instrument :
BNA_F
ClientSampleId :
PB146630BS

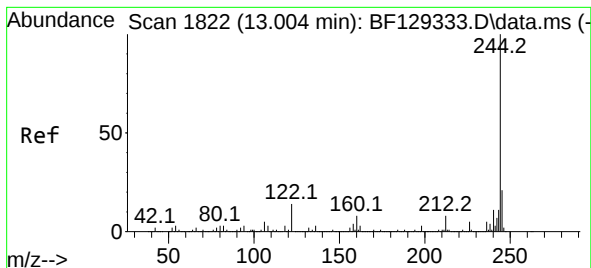
Tgt Ion:184 Resp: 441200
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 12.0 9.3 13.9



#78
Pyrene
Concen: 46.193 ng
RT: 12.827 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:202 Resp: 1614508
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.6 14.6 21.8





#79

Terphenyl-d14

Concen: 102.569 ng

RT: 12.963 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

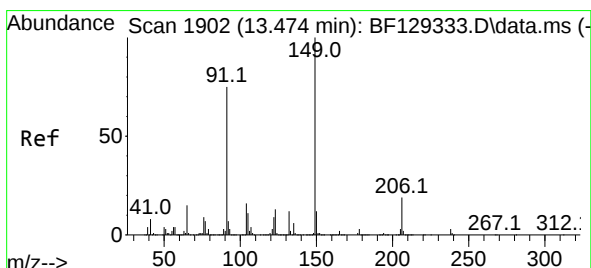
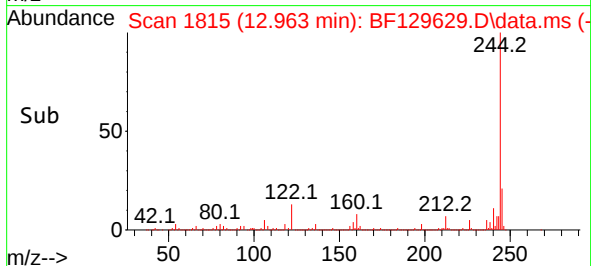
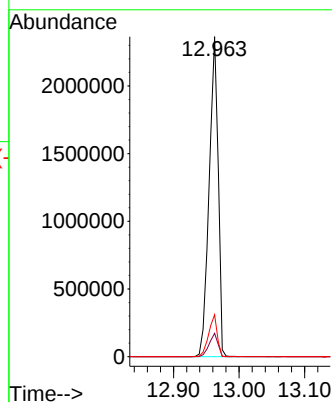
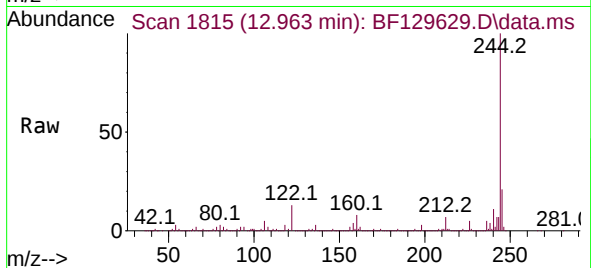
Tgt Ion:244 Resp: 2272397

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 13.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 49.488 ng

RT: 13.433 min Scan# 1895

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

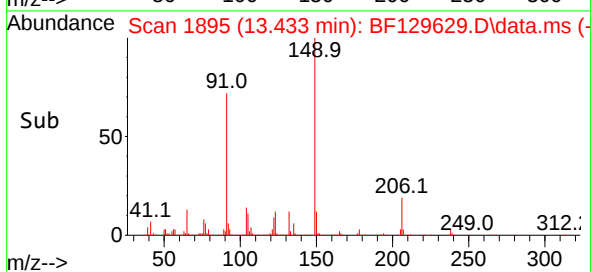
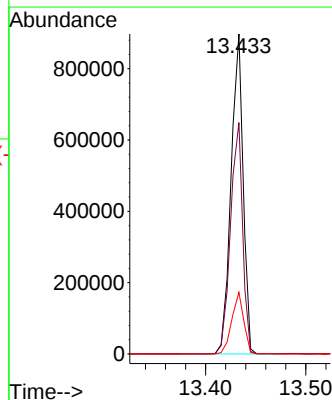
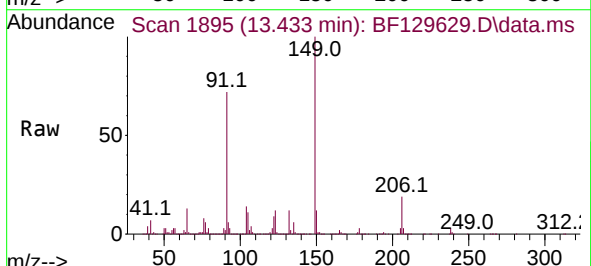
Tgt Ion:149 Resp: 750241

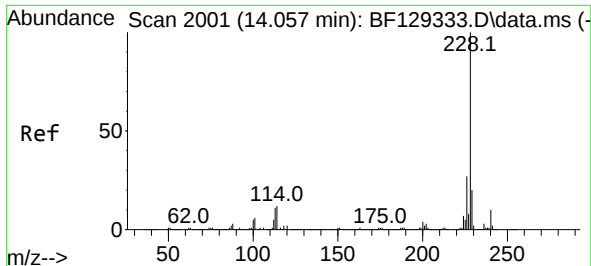
Ion Ratio Lower Upper

149 100

91 72.3 61.2 91.8

206 19.3 15.7 23.5

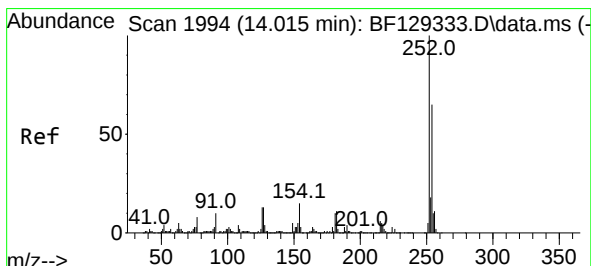
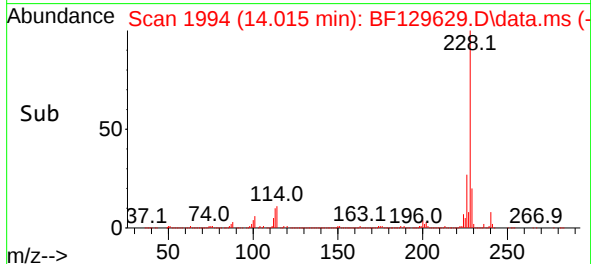
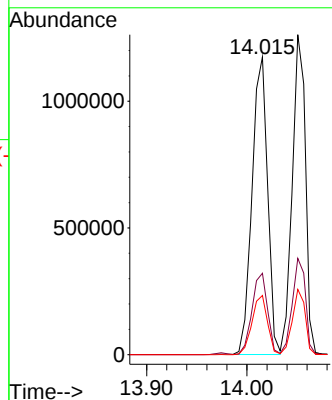
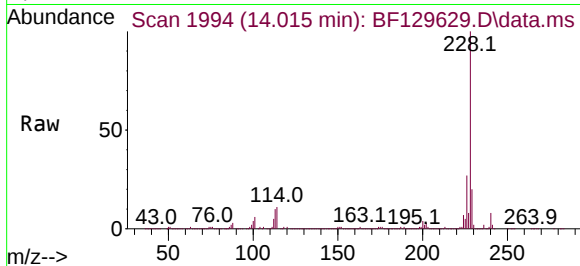




#81
Benzo(a)anthracene
Concen: 44.236 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

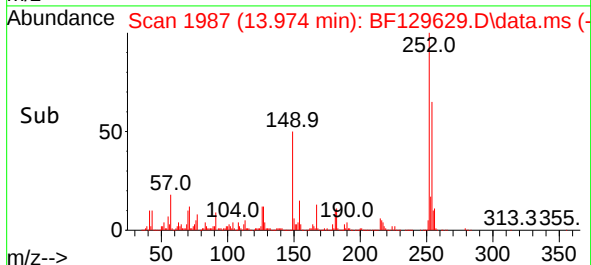
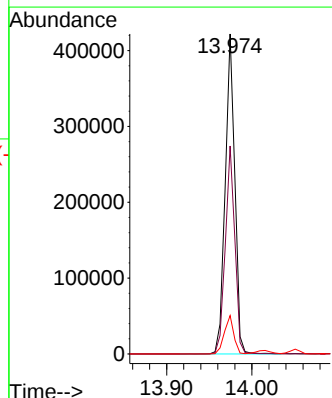
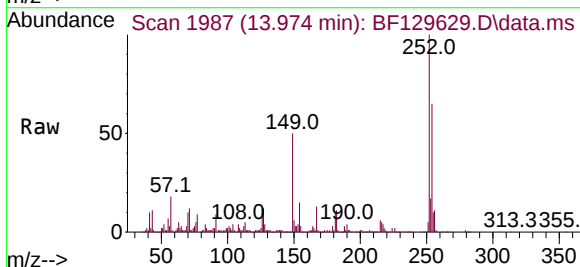
Instrument :
BNA_F
ClientSampleId :
PB146630BS

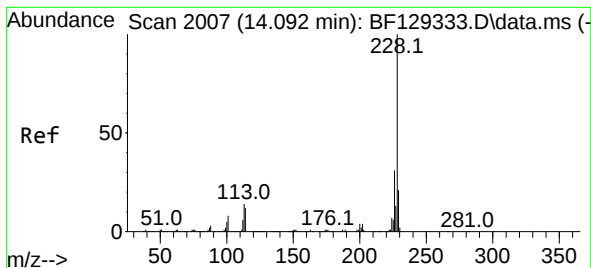
Tgt Ion:228 Resp: 1262993
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 35.002 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:252 Resp: 329957
Ion Ratio Lower Upper
252 100
254 65.0 50.2 75.4
126 12.0 8.2 12.4





#83

Chrysene

Concen: 42.802 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

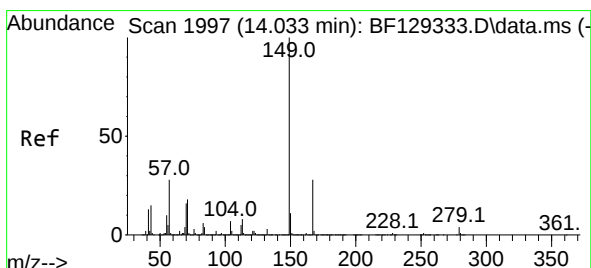
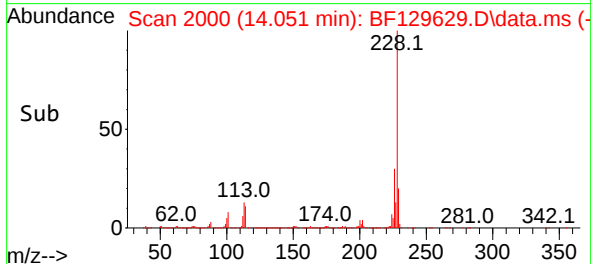
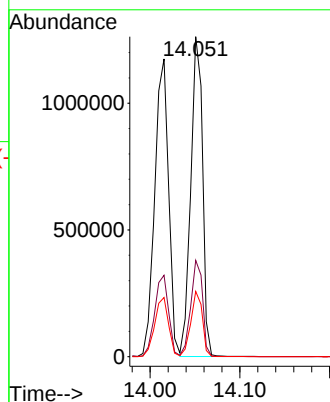
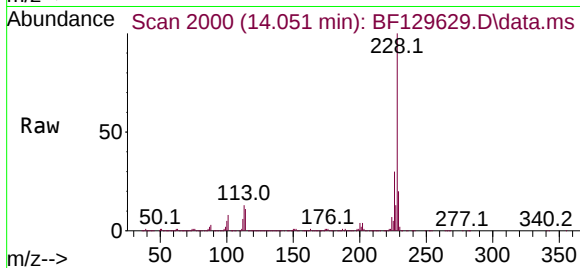
Tgt Ion:228 Resp: 1151727

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 20.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.909 ng

RT: 13.986 min Scan# 1989

Delta R.T. -0.000 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

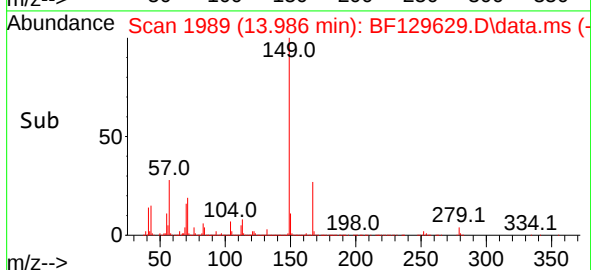
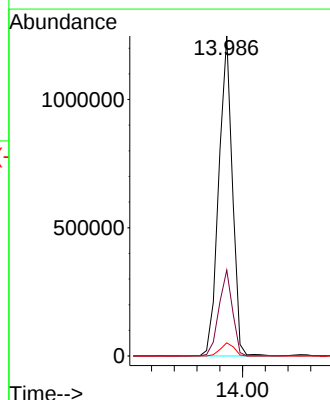
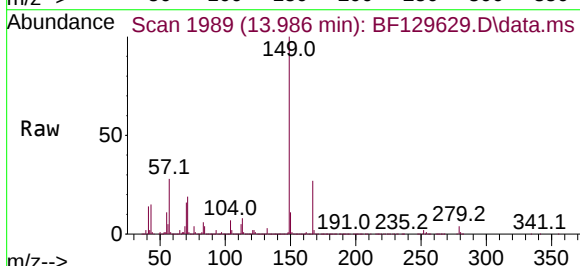
Tgt Ion:149 Resp: 1036041

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 53.713 ng

RT: 14.598 min Scan# 2093

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

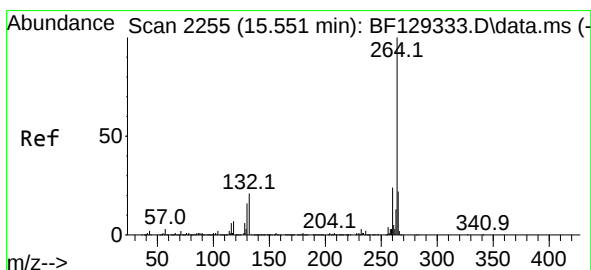
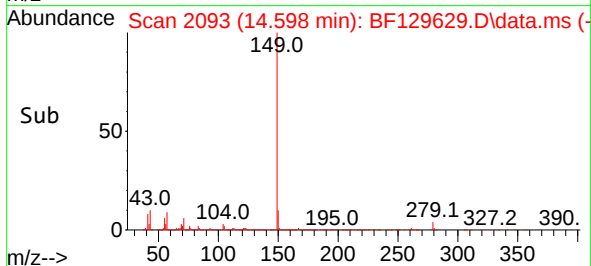
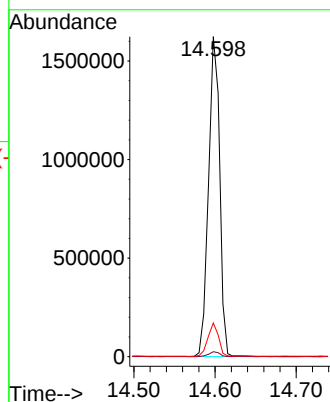
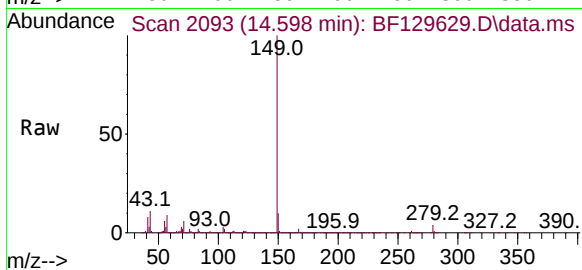
Tgt Ion:149 Resp: 1542709

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.9 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2246

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

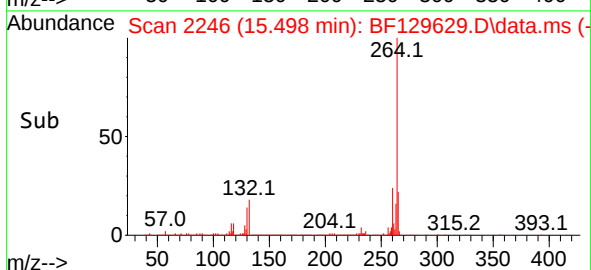
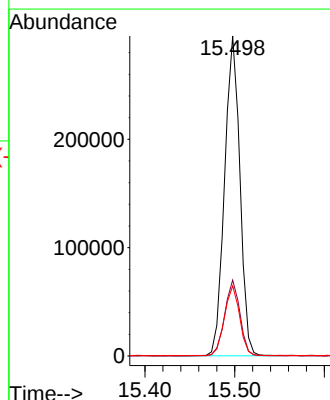
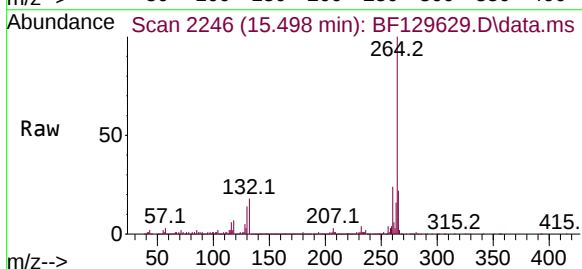
Tgt Ion:264 Resp: 348684

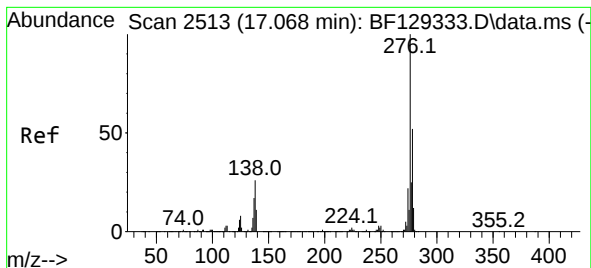
Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.367 ng

RT: 16.998 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

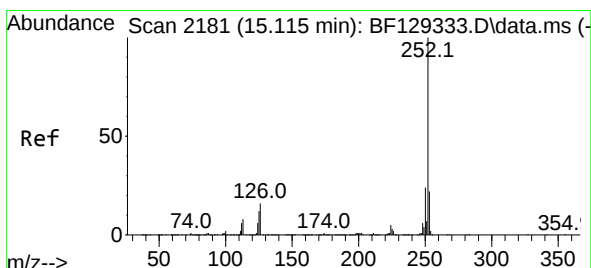
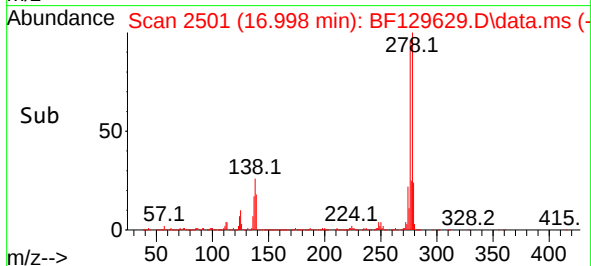
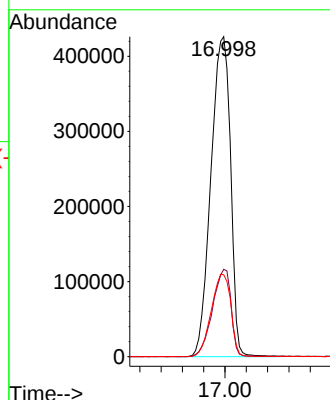
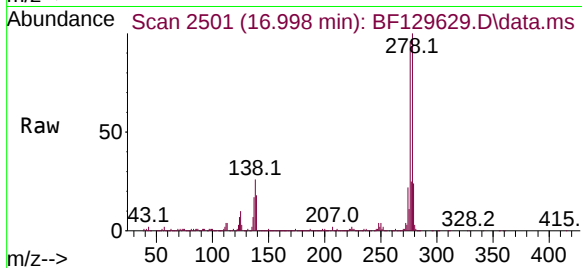
Tgt Ion:276 Resp: 1088724

Ion Ratio Lower Upper

276 100

138 25.9 21.1 31.7

277 25.8 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.077 ng

RT: 15.068 min Scan# 2173

Delta R.T. -0.000 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

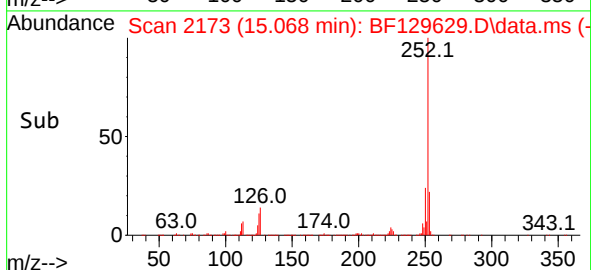
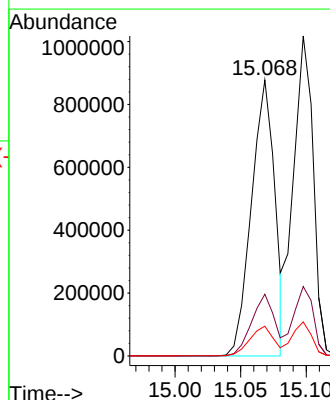
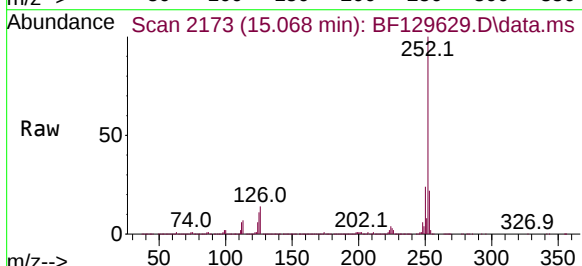
Tgt Ion:252 Resp: 1088858

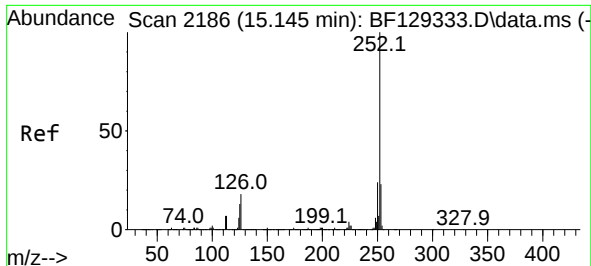
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 47.231 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

PB146630BS

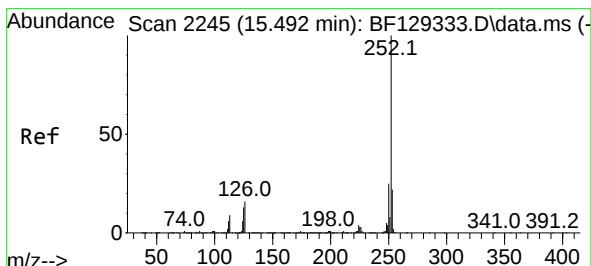
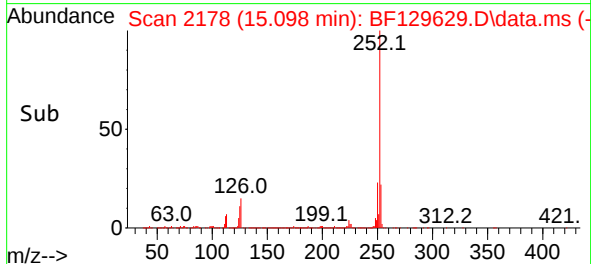
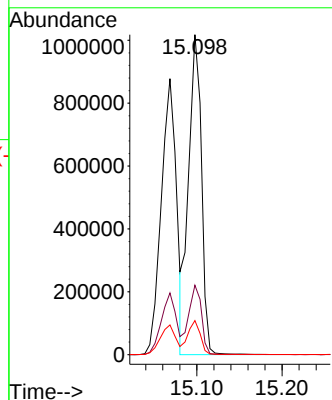
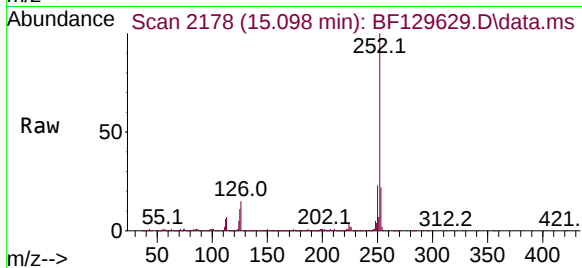
Tgt Ion:252 Resp: 1070530

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.7 8.3 12.5



#90

Benzo(a)pyrene

Concen: 53.740 ng

RT: 15.439 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF129629.D

Acq: 08 Aug 2022 13:04

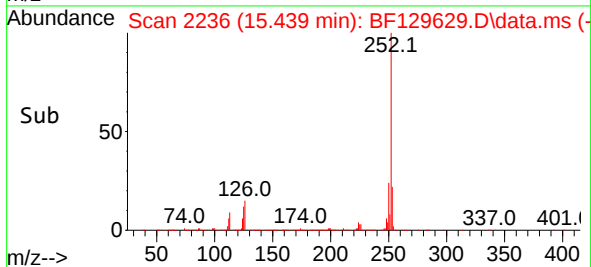
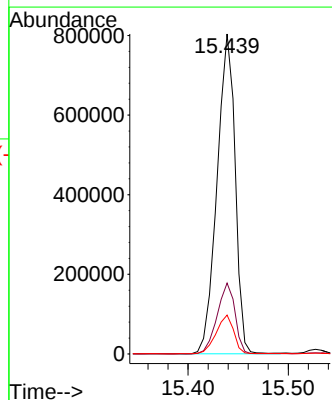
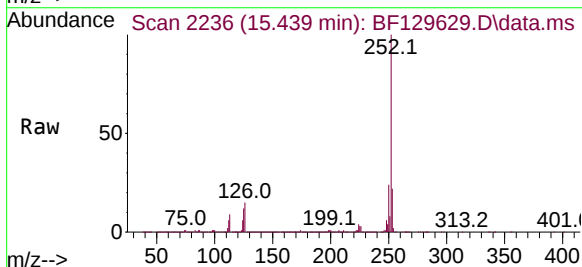
Tgt Ion:252 Resp: 1009006

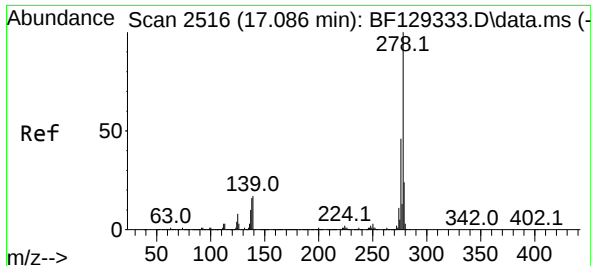
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 12.2 8.8 13.2

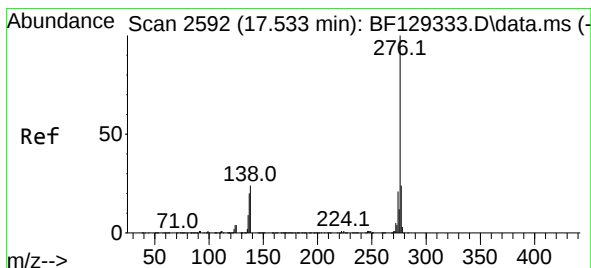
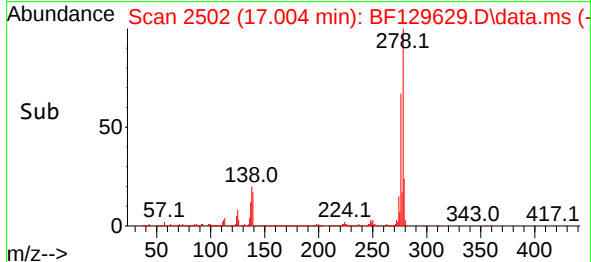
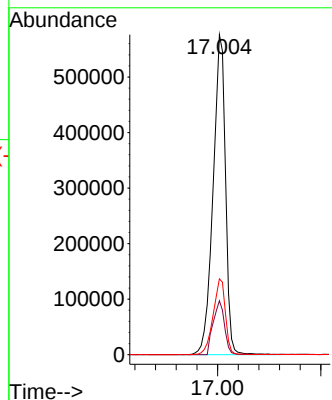
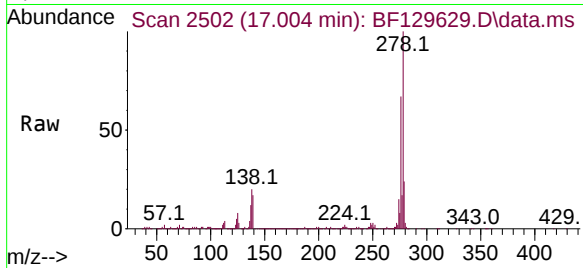




#91
Dibenzo(a,h)anthracene
Concen: 50.235 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Instrument :
BNA_F
ClientSampleId :
PB146630BS

Tgt Ion:278 Resp: 960039
Ion Ratio Lower Upper
278 100
139 16.9 12.8 19.2
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 48.951 ng
RT: 17.451 min Scan# 2578
Delta R.T. -0.000 min
Lab File: BF129629.D
Acq: 08 Aug 2022 13:04

Tgt Ion:276 Resp: 955941
Ion Ratio Lower Upper
276 100
277 24.7 19.1 28.7
138 22.1 18.0 27.0

