

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129064.D
 Acq On : 30 Jun 2022 17:57
 Operator : CG\JU
 Sample : N3501-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2208-28MS

Quant Time: Jul 01 05:43:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	425404	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	1619881	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	838965	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	1483757	20.000	ng	0.00
76) Chrysene-d12	14.145	240	1001300	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	805040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2404796	95.571	ng	0.01
7) Phenol-d6	6.586	99	3168993	101.405	ng	0.00
23) Nitrobenzene-d5	7.528	82	1918171	70.630	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	937669	102.786	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	3448502	65.758	ng	0.00
79) Terphenyl-d14	13.080	244	3607608	74.819	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.946	88	517331	46.115	ng	88
3) Pyridine	3.716	79	1387088	50.630	ng	85
4) n-Nitrosodimethylamine	3.657	42	644237	51.903	ng	# 80
6) Aniline	6.628	93	1835365	52.514	ng	97
8) 2-Chlorophenol	6.745	128	1395219	52.777	ng	96
9) Benzaldehyde	6.516	77	927027	Below Cal	#	57
10) Phenol	6.604	94	1777674	56.144	ng	89
11) bis(2-Chloroethyl)ether	6.698	93	1284504	51.255	ng	91
12) 1,3-Dichlorobenzene	6.898	146	1474678	50.673	ng	98
13) 1,4-Dichlorobenzene	6.975	146	1481260	50.463	ng	99
14) 1,2-Dichlorobenzene	7.128	146	1435239	52.014	ng	99
15) Benzyl Alcohol	7.104	79	1154891	52.537	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.233	45	1744562	48.739	ng	75
17) 2-Methylphenol	7.210	107	1116887	51.919	ng	97
18) Hexachloroethane	7.475	117	750260	72.804	ng	# 84
19) n-Nitroso-di-n-propyla...	7.375	70	942043	52.110	ng	88
20) 3+4-Methylphenols	7.363	107	1360400	49.729	ng	96
22) Acetophenone	7.375	105	2221985	59.795	ng	# 92
24) Nitrobenzene	7.545	77	1376548	52.386	ng	93
25) Isophorone	7.786	82	2538650	55.310	ng	97
26) 2-Nitrophenol	7.857	139	724141	59.295	ng	92
27) 2,4-Dimethylphenol	7.892	122	1276451	57.894	ng	96
28) bis(2-Chloroethoxy)met...	7.986	93	1556838	49.389	ng	99
29) 2,4-Dichlorophenol	8.098	162	1167131	51.899	ng	96
30) 1,2,4-Trichlorobenzene	8.180	180	1183995	47.844	ng	97
31) Naphthalene	8.269	128	4178444	56.820	ng	96
32) Benzoic acid	8.022	122	897387	50.730	ng	94
33) 4-Chloroaniline	8.310	127	1207089	40.736	ng	98
34) Hexachlorobutadiene	8.380	225	708944	47.977	ng	100
35) Caprolactam	8.704	113	196119	27.502	ng	# 71
36) 4-Chloro-3-methylphenol	8.792	107	1168715	51.150	ng	91
37) 2-Methylnaphthalene	8.957	142	3099256	62.632	ng	99
38) 1-Methylnaphthalene	9.057	142	2678203	55.733	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	1159789	49.181	ng	99
41) Hexachlorocyclopentadiene	9.110	237	1438794	115.586	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	805747	50.163	ng	97

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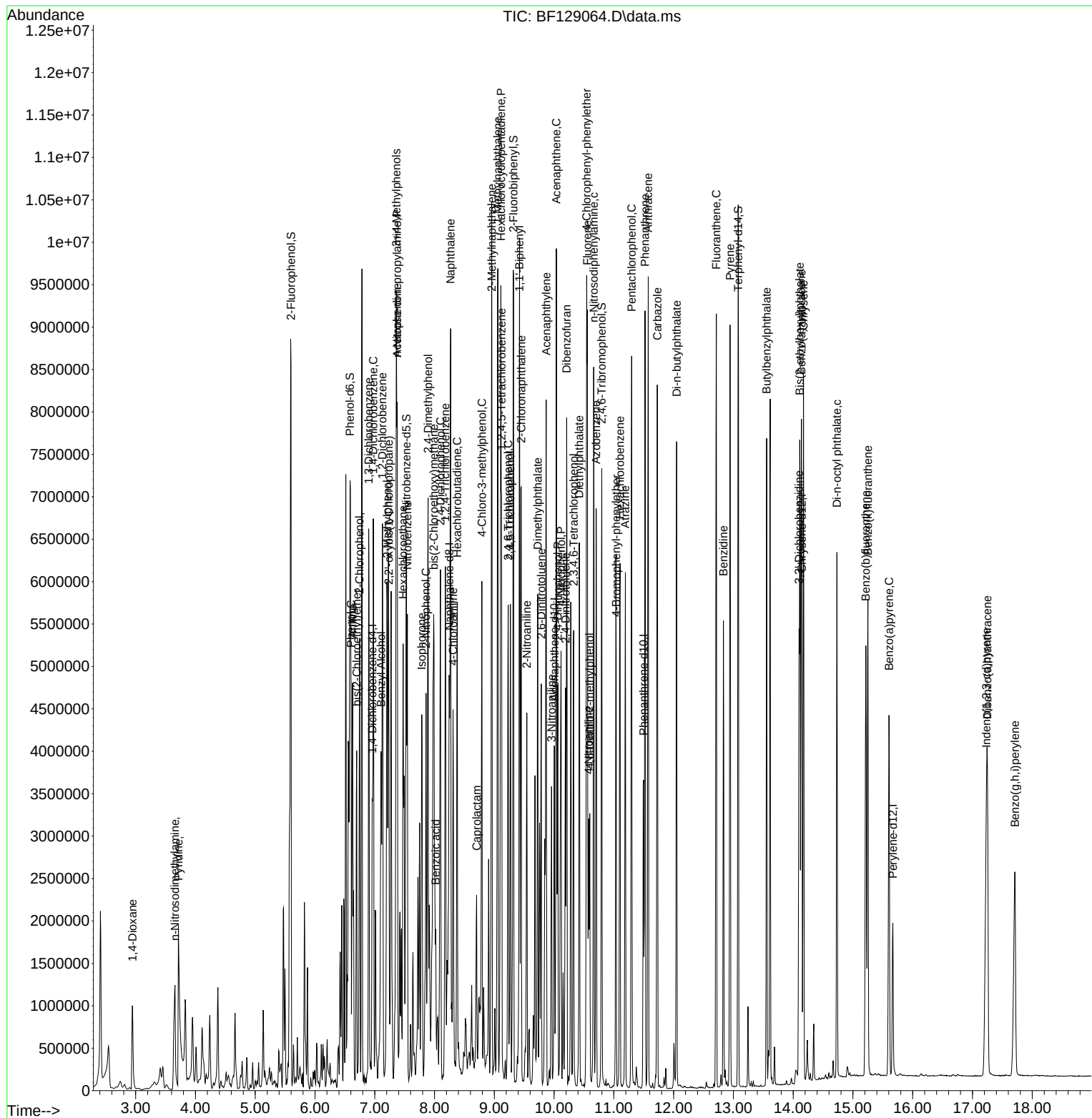
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	860225	50.348	ng	95
46) 1,1'-Biphenyl	9.422	154	2964371	49.148	ng	96
47) 2-Chloronaphthalene	9.451	162	2292766	49.224	ng	98
48) 2-Nitroaniline	9.545	65	690115	56.254	ng	# 79
49) Acenaphthylene	9.869	152	3543338	50.065	ng	95
50) Dimethylphthalate	9.727	163	2583531	49.223	ng	99
51) 2,6-Dinitrotoluene	9.786	165	600771	56.015	ng	93
52) Acenaphthene	10.039	154	2539566	55.087	ng	98
53) 3-Nitroaniline	9.957	138	577386	45.144	ng	# 89
54) 2,4-Dinitrophenol	10.063	184	653338	109.844	ng	# 83
55) Dibenzofuran	10.210	168	3217397	47.929	ng	95
56) 4-Nitrophenol	10.116	139	1127437	107.888	ng	94
57) 2,4-Dinitrotoluene	10.192	165	799982	60.419	ng	# 87
58) Fluorene	10.557	166	2500909	48.164	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.327	232	698233	49.328	ng	99
60) Diethylphthalate	10.422	149	2534570	48.193	ng	98
61) 4-Chlorophenyl-phenyle...	10.545	204	1237721	47.841	ng	99
62) 4-Nitroaniline	10.580	138	671540	52.949	ng	88
63) Azobenzene	10.704	77	2481549	48.160	ng	95
65) 4,6-Dinitro-2-methylph...	10.598	198	383026	58.350	ng	89
66) n-Nitrosodiphenylamine	10.663	169	2221128	49.290	ng	94
67) 4-Bromophenyl-phenylether	11.039	248	795211	50.383	ng	91
68) Hexachlorobenzene	11.104	284	890554	50.672	ng	92
69) Atrazine	11.192	200	751672	59.279	ng	98
70) Pentachlorophenol	11.298	266	1042399	99.580	ng	99
71) Phenanthrene	11.521	178	3454467	48.728	ng	95
72) Anthracene	11.574	178	3423048	48.973	ng	94
73) Carbazole	11.727	167	3267692	46.656	ng	97
74) Di-n-butylphthalate	12.051	149	3612106	48.914	ng	97
75) Fluoranthene	12.715	202	3512849	47.380	ng	94
77) Benzidine	12.833	184	2029269	113.815	ng	99
78) Pyrene	12.945	202	3642887	52.487	ng	96
80) Butylbenzylphthalate	13.557	149	1548203	54.755	ng	94
81) Benzo(a)anthracene	14.139	228	3079290	50.367	ng	97
82) 3,3'-Dichlorobenzidine	14.098	252	924823	70.008	ng	96
83) Chrysene	14.174	228	2770072	48.805	ng	95
84) Bis(2-ethylhexyl)phtha...	14.110	149	2075089	55.222	ng	97
85) Di-n-octyl phthalate	14.733	149	2869480	51.729	ng	96
87) Indeno(1,2,3-cd)pyrene	17.233	276	2562752	51.904	ng	99
88) Benzo(b)fluoranthene	15.215	252	2697658	55.719	ng	97
89) Benzo(k)fluoranthene	15.251	252	2375595	50.589	ng	98
90) Benzo(a)pyrene	15.604	252	2207727	55.937	ng	98
91) Dibenzo(a,h)anthracene	17.250	278	2202113	54.711	ng	97
92) Benzo(g,h,i)perylene	17.709	276	2216228	54.881	ng	99

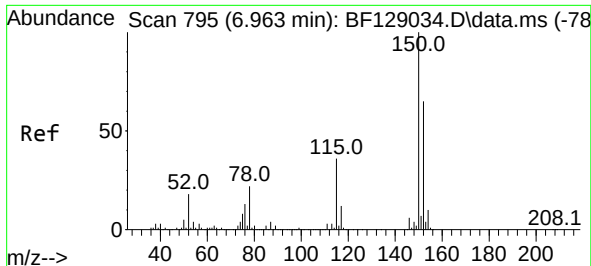
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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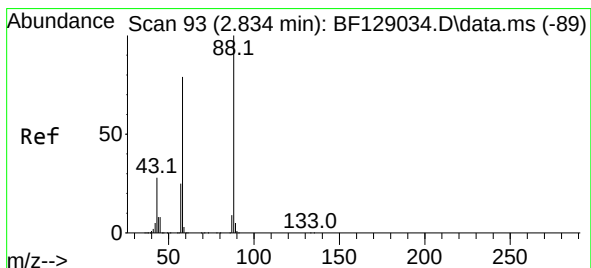
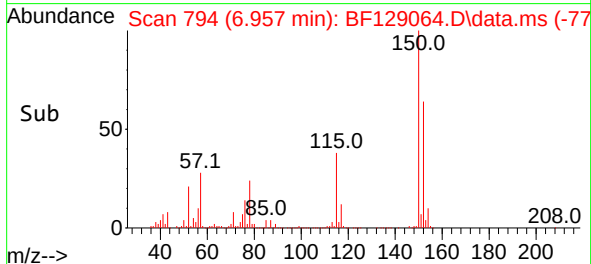
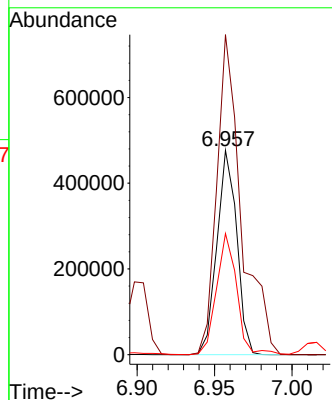
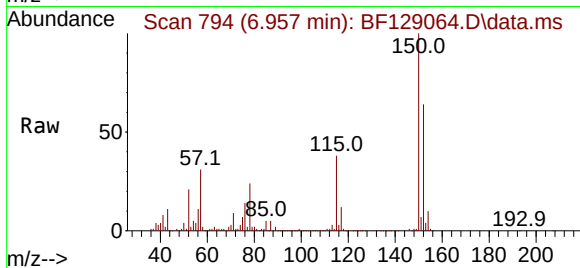




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129064.D
 Acq: 30 Jun 2022 17:57

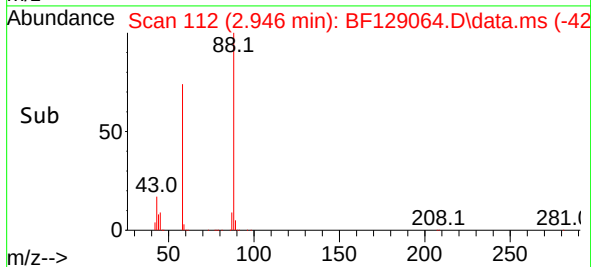
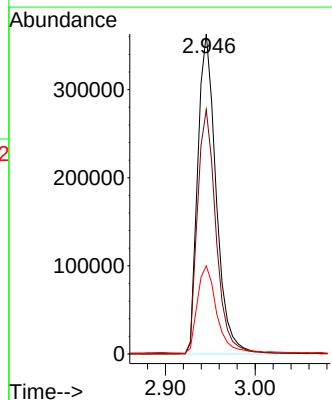
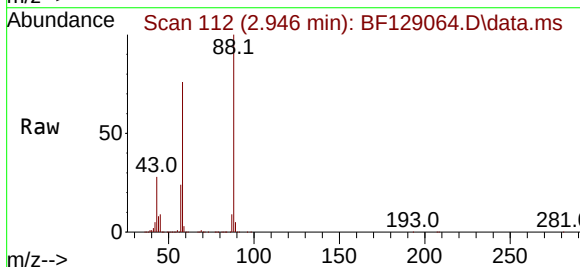
Instrument :
 BNA_F
 ClientSampleId :
 B2208-28MS

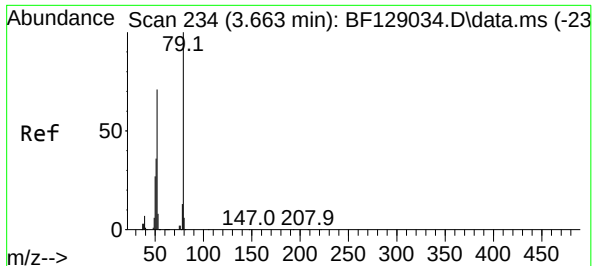
Tgt Ion:152 Resp: 425404
 Ion Ratio Lower Upper
 152 100
 150 156.6 123.7 185.5
 115 59.3 49.9 74.9



#2
 1,4-Dioxane
 Concen: 46.115 ng
 RT: 2.946 min Scan# 112
 Delta R.T. 0.112 min
 Lab File: BF129064.D
 Acq: 30 Jun 2022 17:57

Tgt Ion: 88 Resp: 517331
 Ion Ratio Lower Upper
 88 100
 58 77.0 71.8 107.8
 43 29.5 26.6 39.8





#3

Pyridine

Concen: 50.630 ng

RT: 3.716 min Scan# 24

Delta R.T. 0.053 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

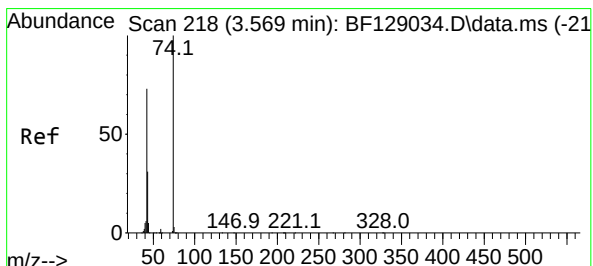
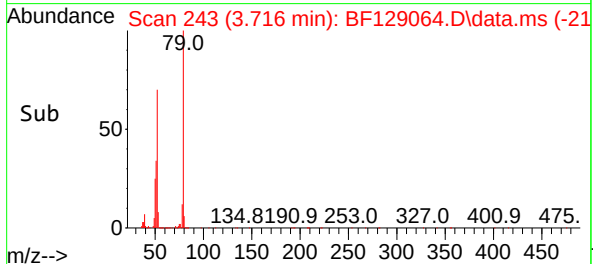
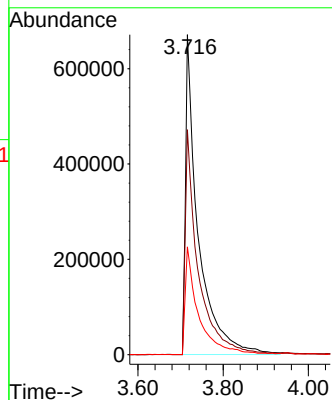
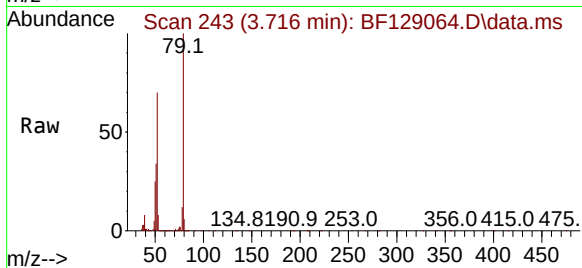
Tgt Ion: 79 Resp: 1387088

Ion Ratio Lower Upper

79 100

52 70.3 68.6 102.8

51 33.7 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 51.903 ng

RT: 3.657 min Scan# 233

Delta R.T. 0.088 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

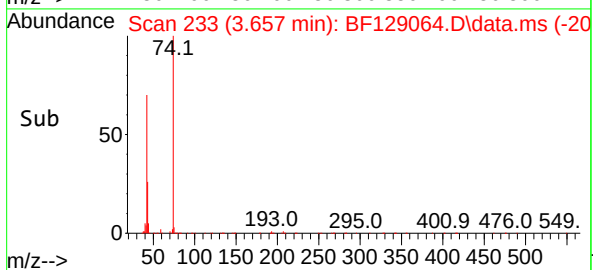
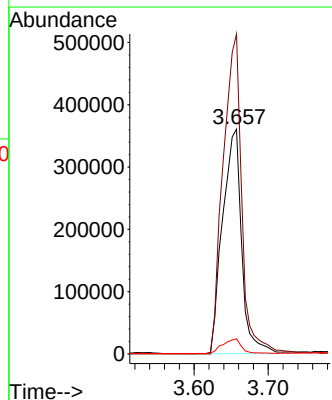
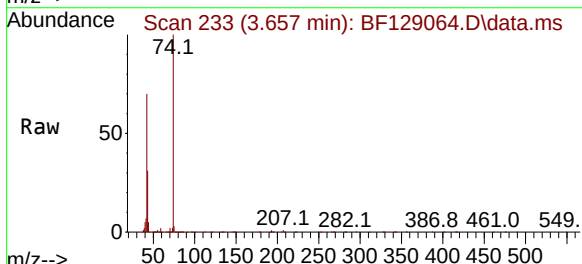
Tgt Ion: 42 Resp: 644237

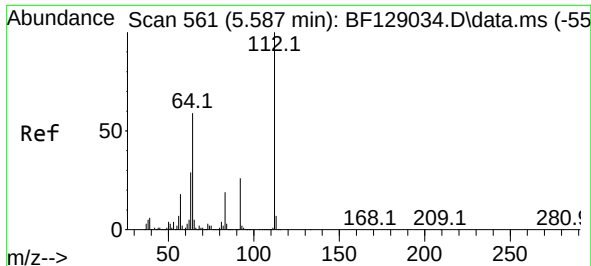
Ion Ratio Lower Upper

42 100

74 142.3 94.8 142.2#

44 6.8 6.6 10.0

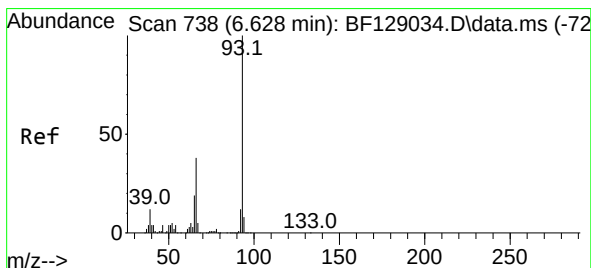
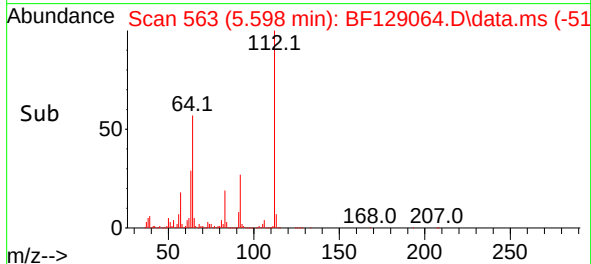
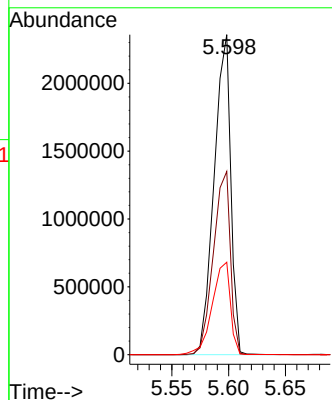
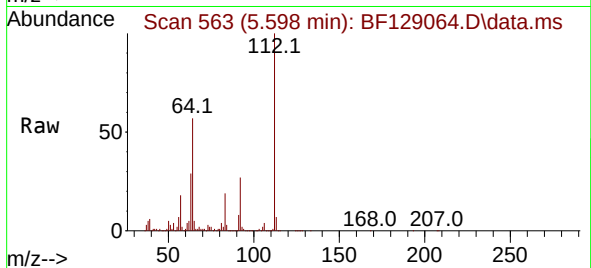




#5
2-Fluorophenol
Concen: 95.571 ng
RT: 5.598 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

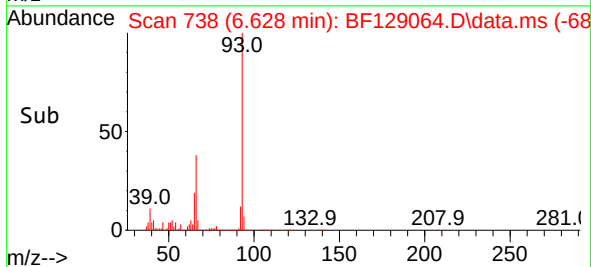
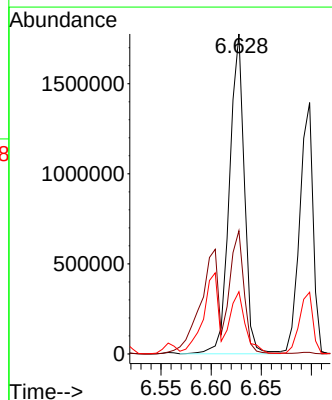
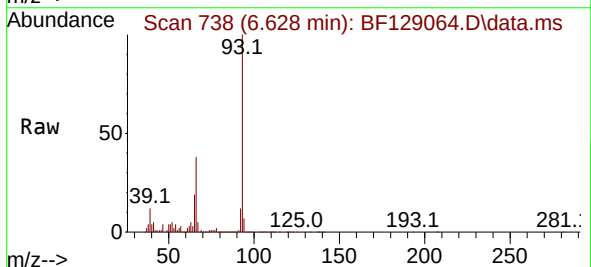
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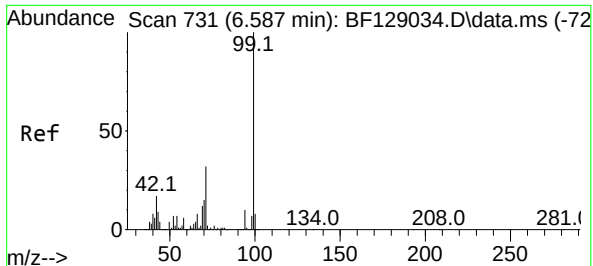
Tgt Ion:112 Resp: 2404796
Ion Ratio Lower Upper
112 100
64 57.3 53.3 79.9
63 28.9 28.0 42.0



#6
Aniline
Concen: 52.514 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF129064.D
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Tgt Ion: 93 Resp: 1835365
Ion Ratio Lower Upper
93 100
66 38.5 32.5 48.7
65 19.4 16.4 24.6

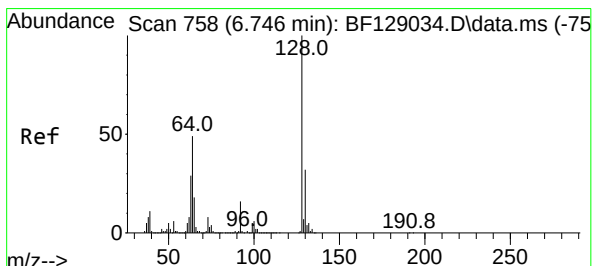
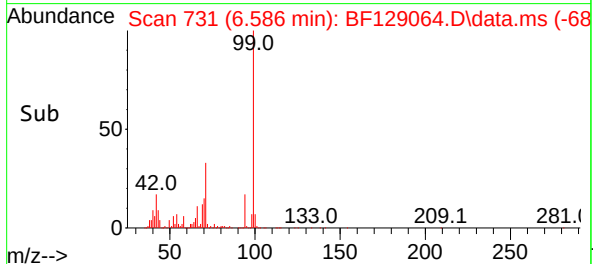
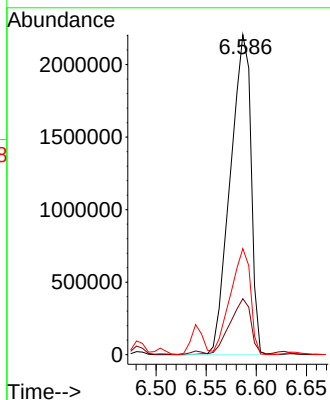
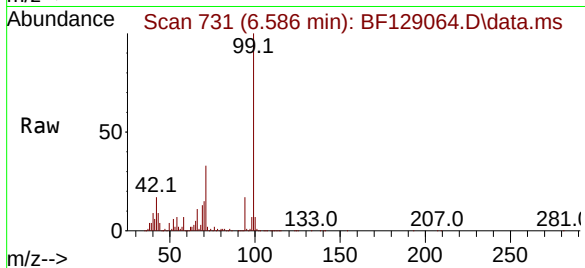




#7
Phenol-d6
Concen: 101.405 ng
RT: 6.586 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

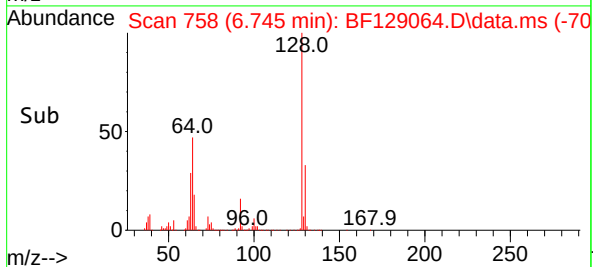
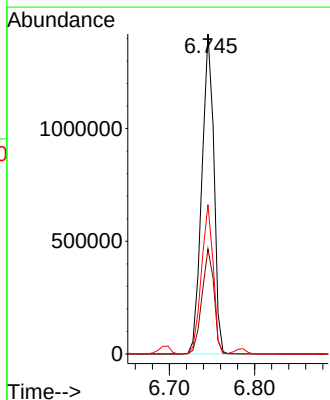
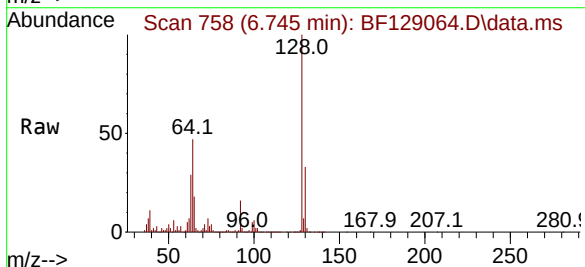
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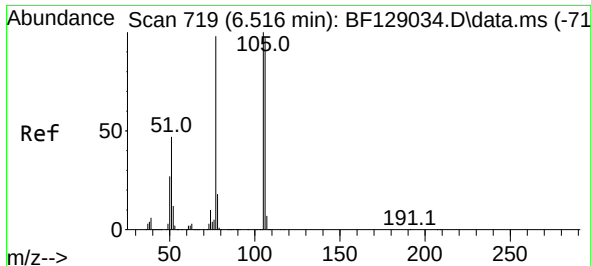
Tgt Ion: 99 Resp: 3168993
Ion Ratio Lower Upper
99 100
42 17.5 17.3 25.9
71 33.2 28.9 43.3



#8
2-Chlorophenol
Concen: 52.777 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:128 Resp: 1395219
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 46.7 30.9 70.9





#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 719

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

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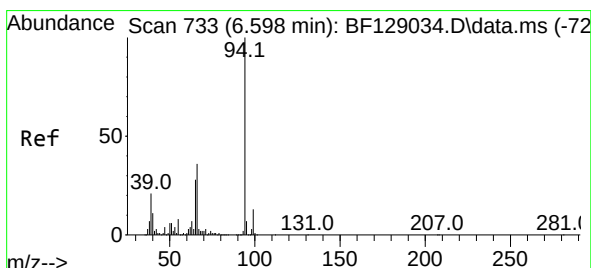
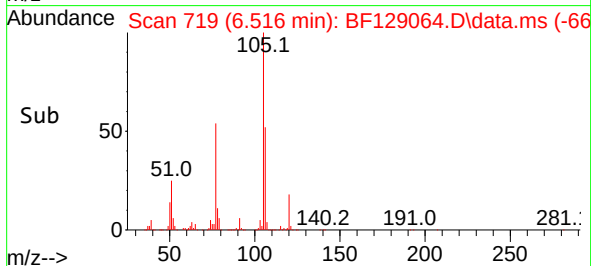
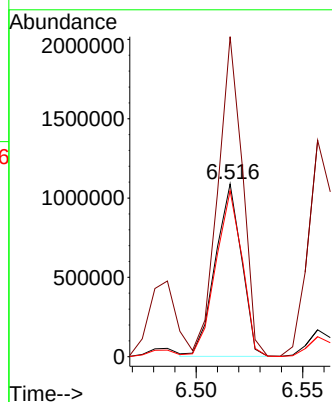
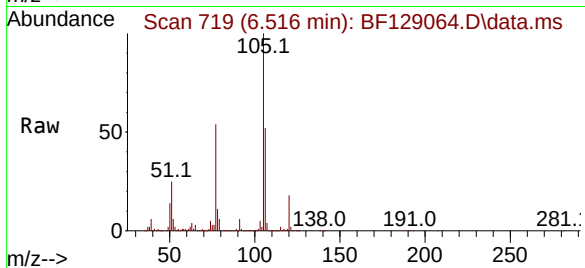
Tgt Ion: 77 Resp: 927027

Ion Ratio Lower Upper

77 100

105 185.2 81.6 121.6#

106 96.1 76.1 116.1



#10

Phenol

Concen: 56.144 ng

RT: 6.604 min Scan# 734

Delta R.T. 0.006 min

Lab File: BF129064.D

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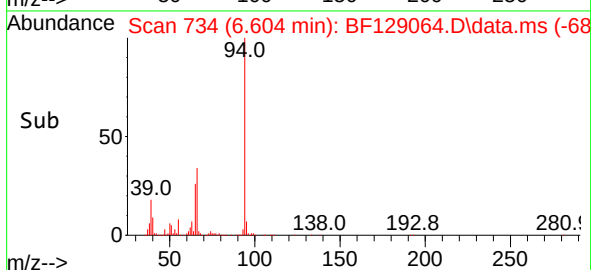
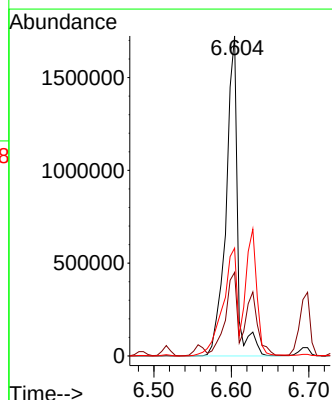
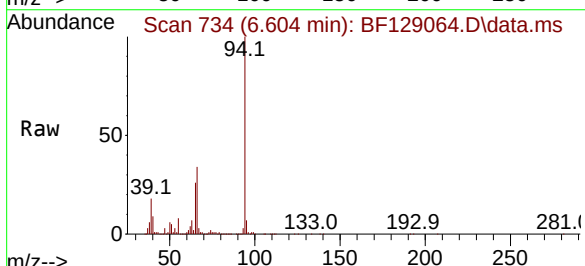
Tgt Ion: 94 Resp: 1777674

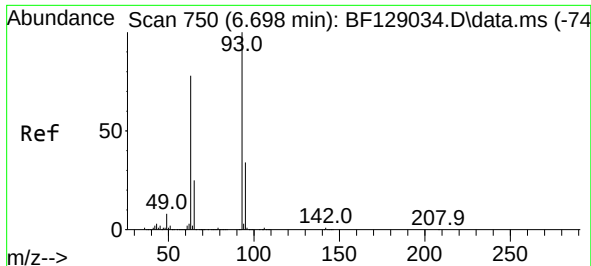
Ion Ratio Lower Upper

94 100

65 26.1 11.4 51.4

66 33.7 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 51.255 ng

RT: 6.698 min Scan# 750

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

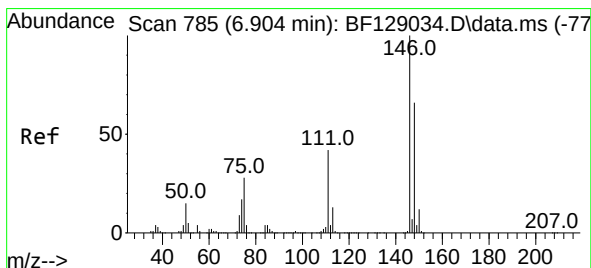
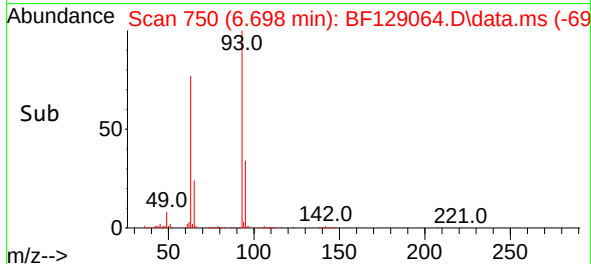
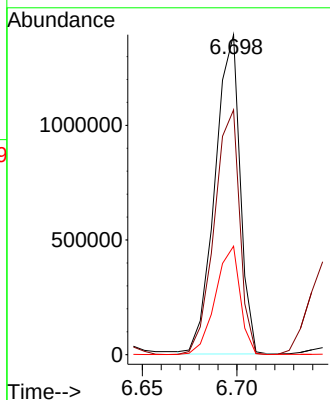
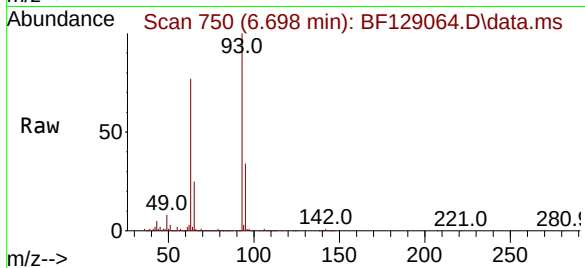
BNA_F

ClientSampleId :

B2208-28MS

Tgt Ion: 93 Resp: 1284504

Ion	Ratio	Lower	Upper
93	100		
63	76.5	67.4	107.4
95	33.9	12.7	52.7



#12

1,3-Dichlorobenzene

Concen: 50.673 ng

RT: 6.898 min Scan# 784

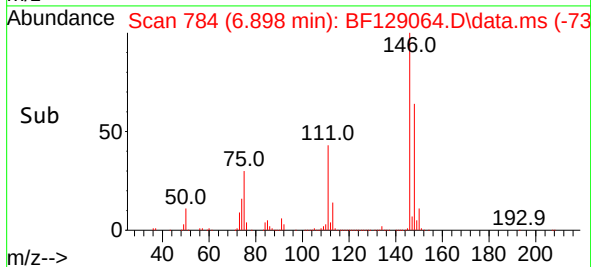
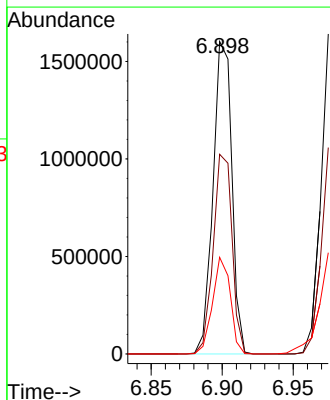
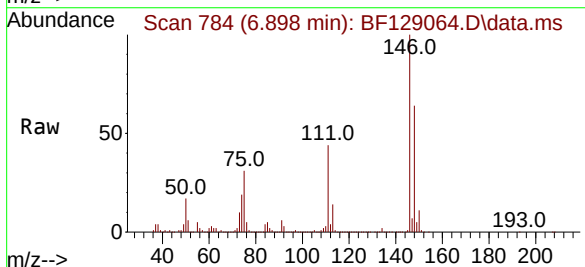
Delta R.T. -0.006 min

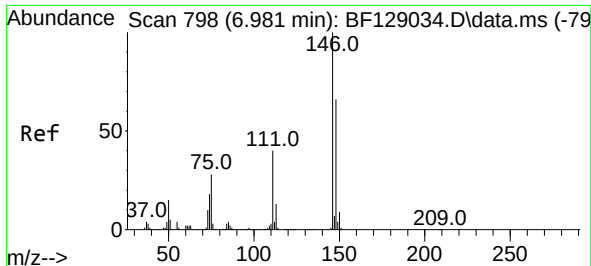
Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Tgt Ion:146 Resp: 1474678

Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
75	31.0	26.3	39.5





#13

1,4-Dichlorobenzene

Concen: 50.463 ng

RT: 6.975 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

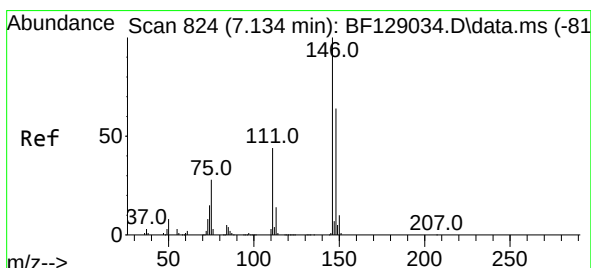
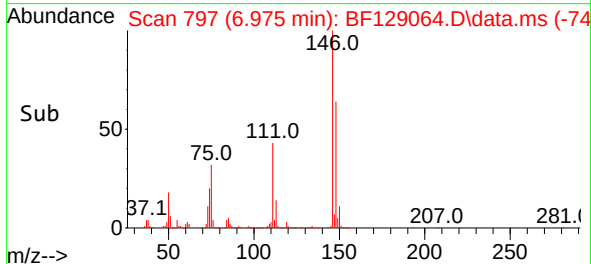
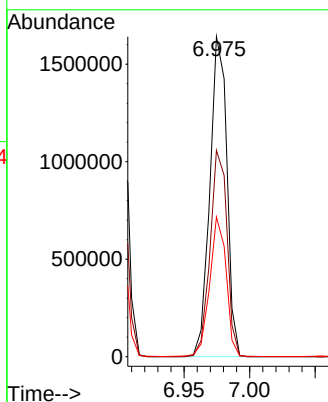
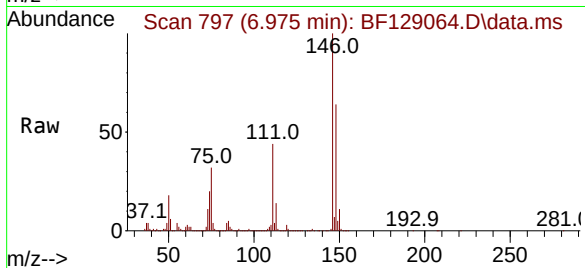
Tgt Ion:146 Resp: 1481260

Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

111 43.7 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 52.014 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

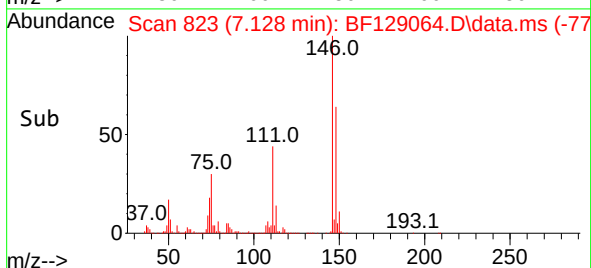
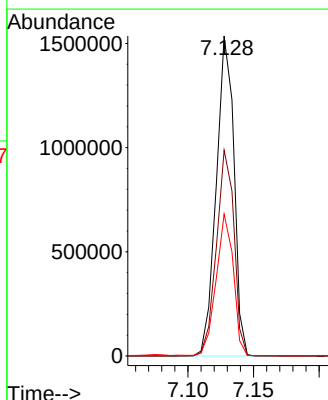
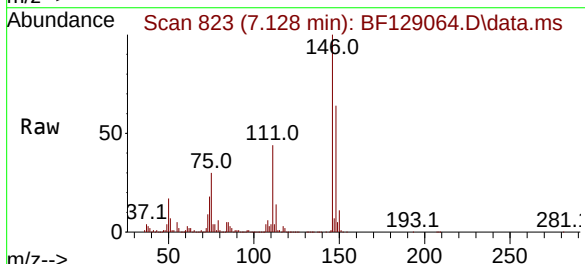
Tgt Ion:146 Resp: 1435239

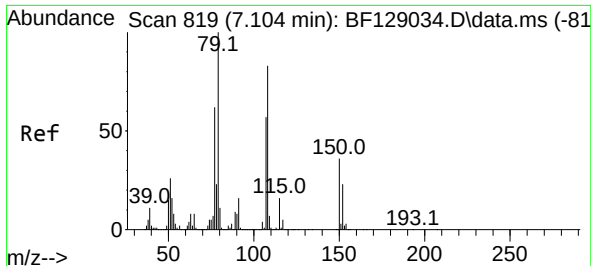
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

111 44.4 35.1 52.7

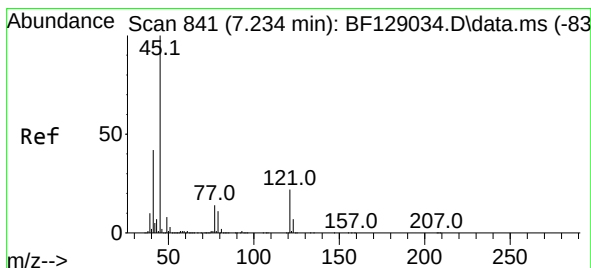
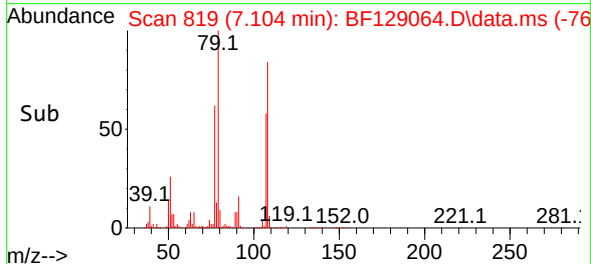
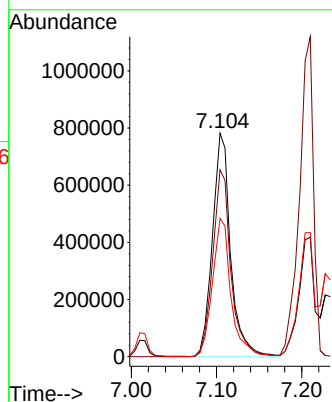
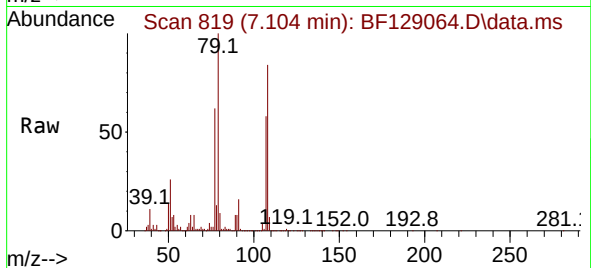




#15
Benzyl Alcohol
Concen: 52.537 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

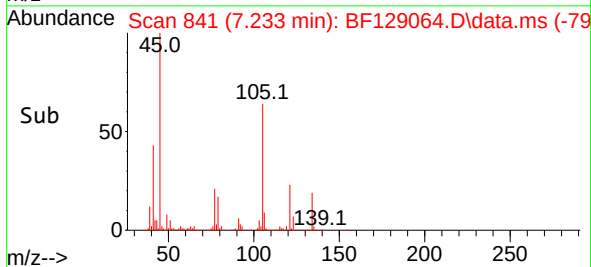
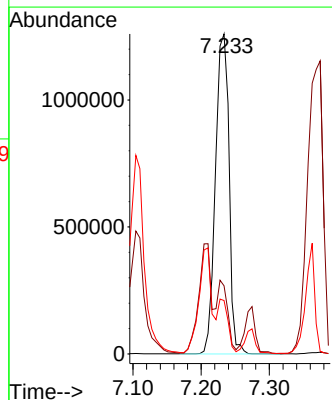
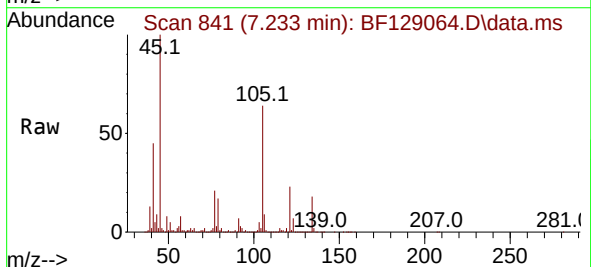
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

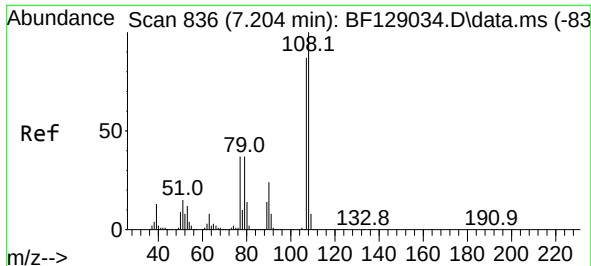
Tgt Ion: 79 Resp: 1154891
Ion Ratio Lower Upper
79 100
108 83.7 61.8 92.6
77 61.9 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.739 ng
RT: 7.233 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion: 45 Resp: 1744562
Ion Ratio Lower Upper
45 100
77 21.3 0.0 31.3
79 16.7 0.0 28.3

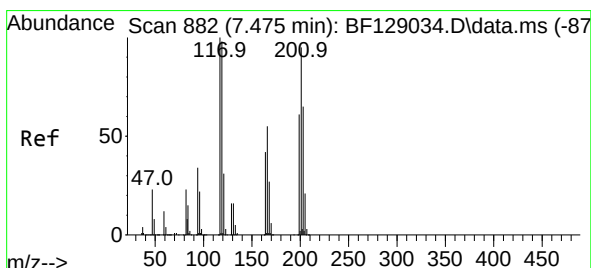
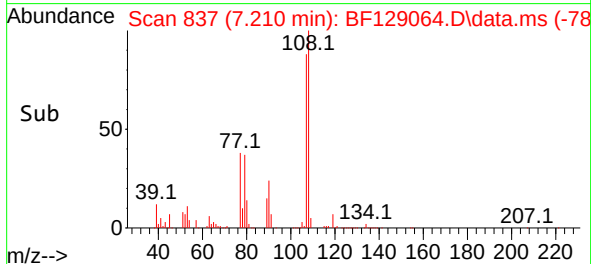
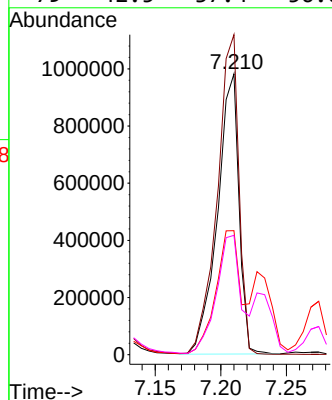
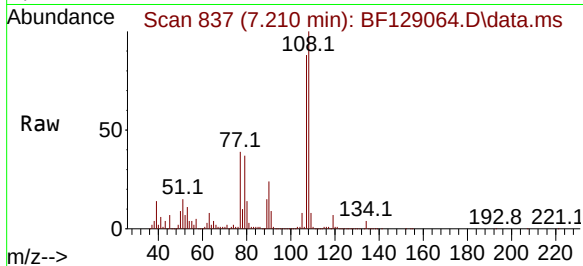




#17
2-Methylphenol
Concen: 51.919 ng
RT: 7.210 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

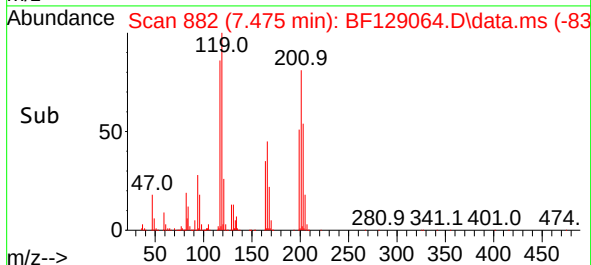
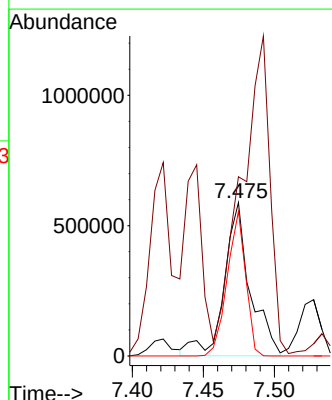
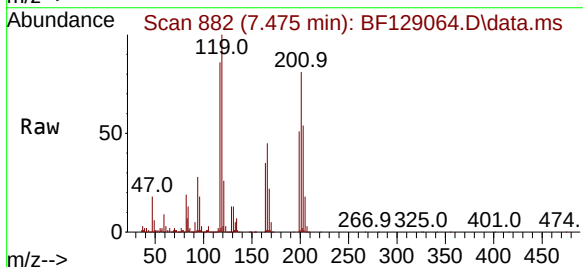
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

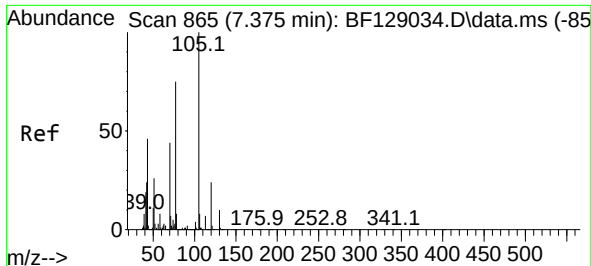
Tgt Ion:107 Resp: 1116887
Ion Ratio Lower Upper
107 100
108 113.9 91.9 137.9
77 44.1 37.8 56.8
79 42.5 37.4 56.0



#18
Hexachloroethane
Concen: 72.804 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:117 Resp: 750260
Ion Ratio Lower Upper
117 100
119 116.8 77.4 116.2#
201 94.2 84.6 127.0

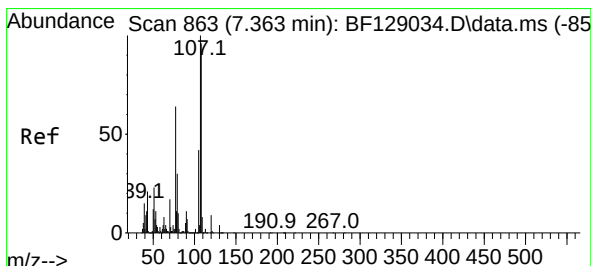
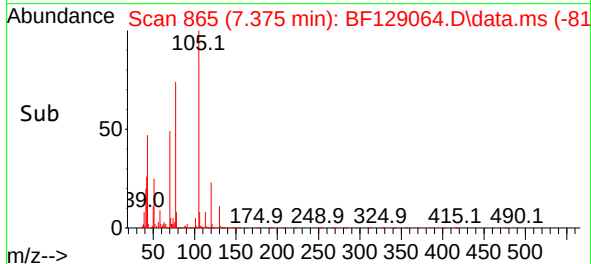
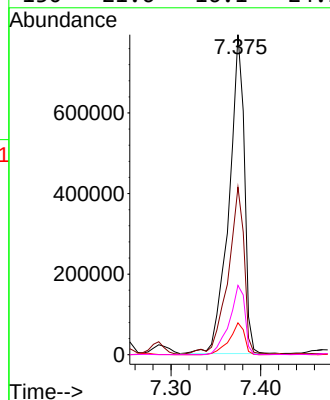
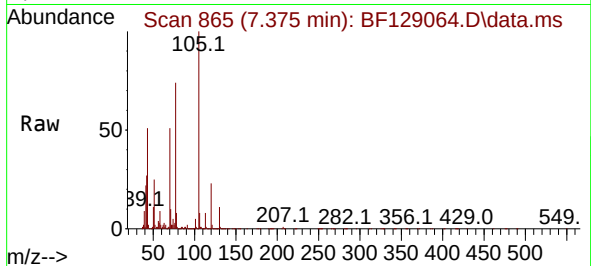




#19
n-Nitroso-di-n-propylamine
Concen: 52.110 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

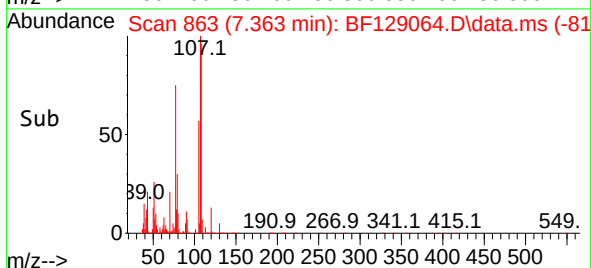
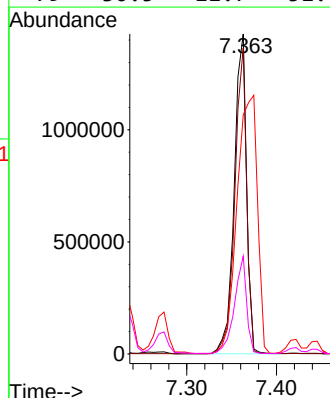
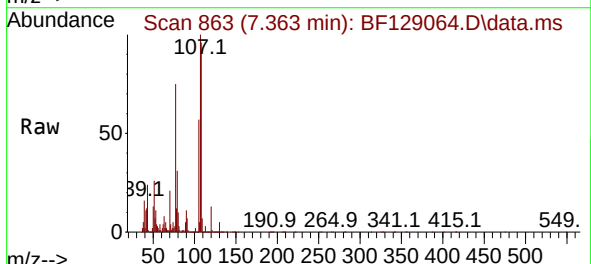
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

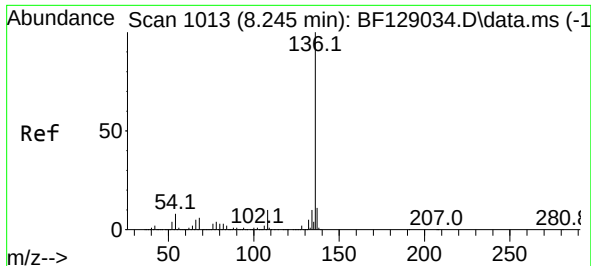
Tgt Ion: 70 Resp: 942043
Ion Ratio Lower Upper
70 100
42 52.3 52.3 78.5
101 10.0 7.5 11.3
130 21.6 16.1 24.1



#20
3+4-Methylphenols
Concen: 49.729 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion: 107 Resp: 1360400
Ion Ratio Lower Upper
107 100
108 95.7 71.8 111.8
77 74.7 59.3 99.3
79 30.5 11.7 51.7

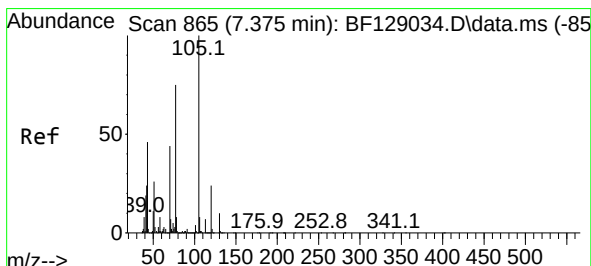
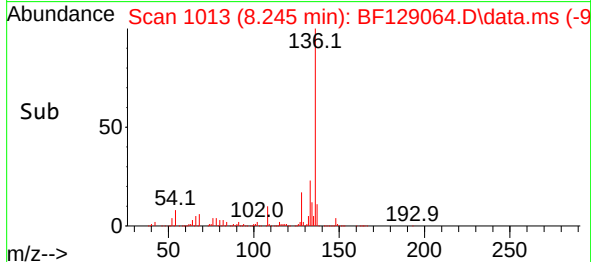
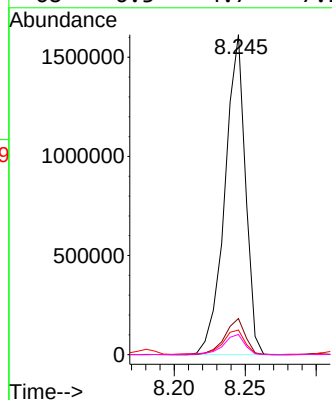
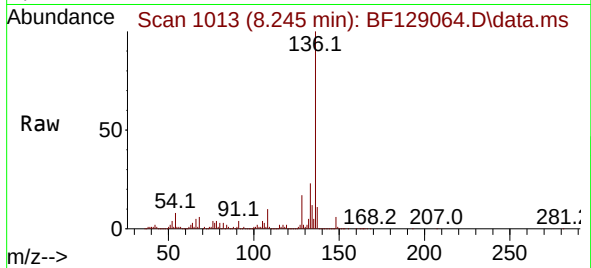




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

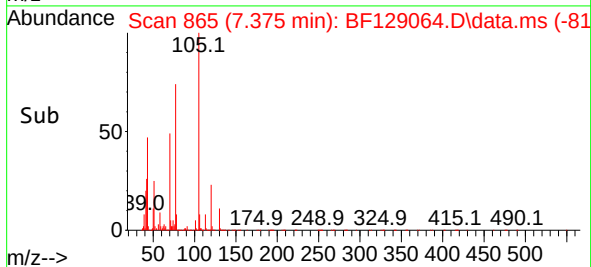
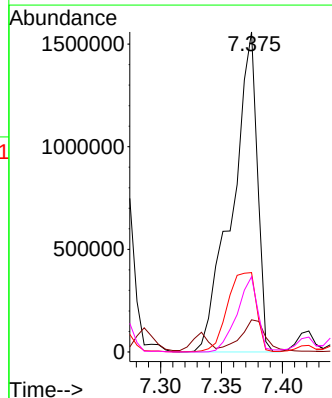
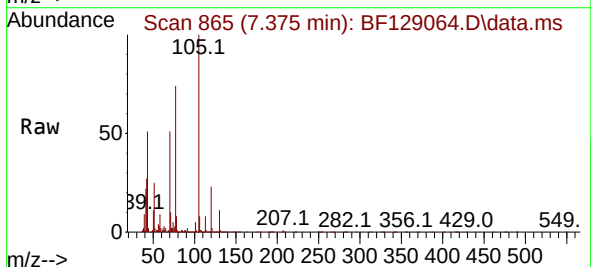
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

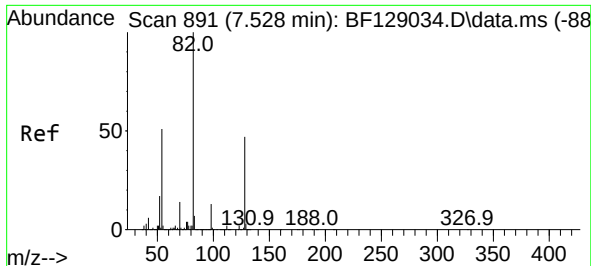
Tgt Ion:136 Resp: 1619881
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.7 7.5 11.3
68 6.3 4.7 7.1



#22
Acetophenone
Concen: 59.795 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:105 Resp: 2221985
Ion Ratio Lower Upper
105 100
71 10.1 5.0 7.4#
51 24.8 25.0 37.4#
120 23.5 17.8 26.8

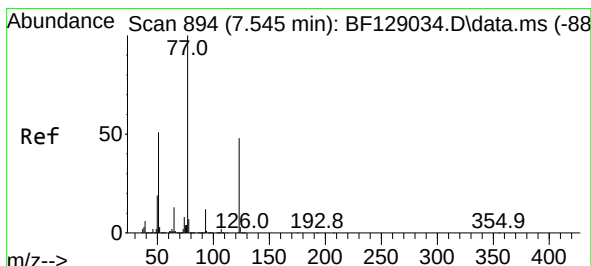
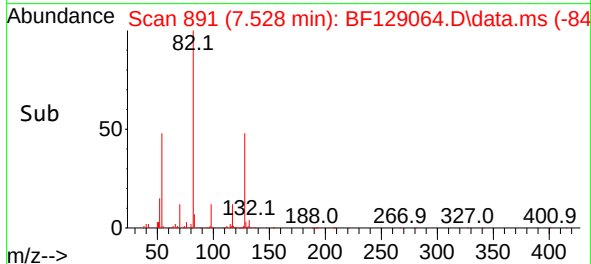
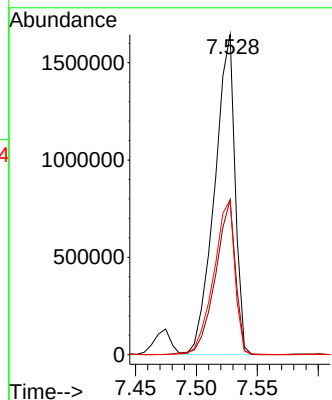
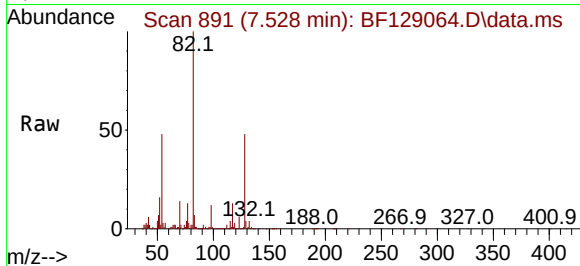




#23
Nitrobenzene-d5
Concen: 70.630 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

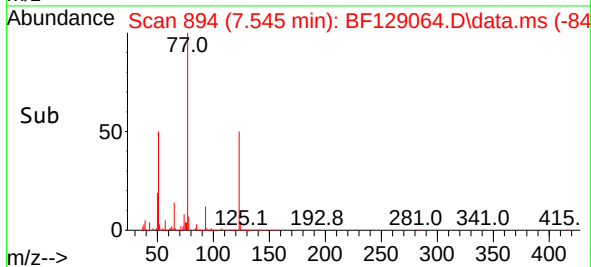
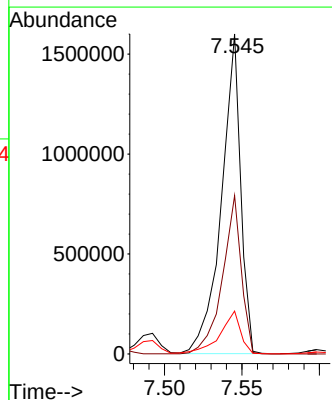
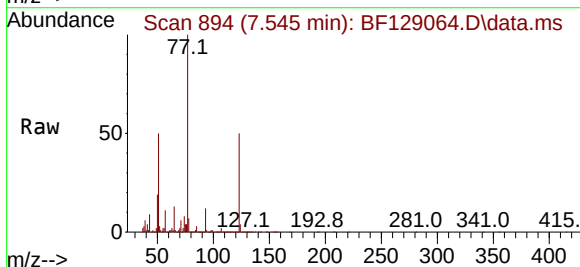
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

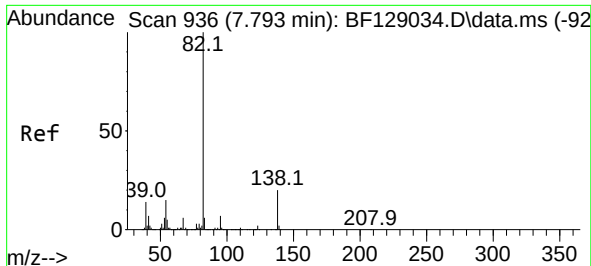
Tgt Ion: 82 Resp: 1918171
Ion Ratio Lower Upper
82 100
128 48.4 34.0 51.0
54 48.4 46.9 70.3



#24
Nitrobenzene
Concen: 52.386 ng
RT: 7.545 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion: 77 Resp: 1376548
Ion Ratio Lower Upper
77 100
123 49.5 35.4 53.2
65 13.4 11.8 17.8

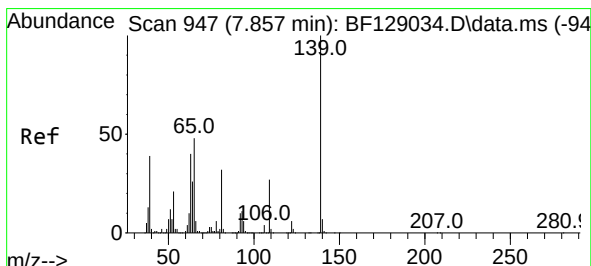
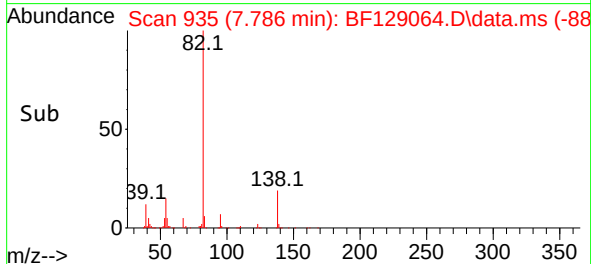
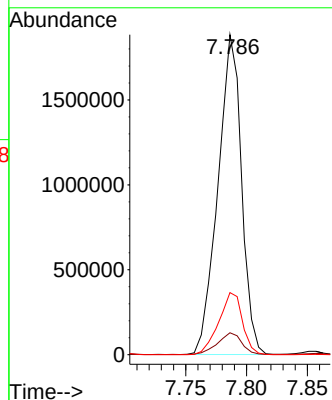
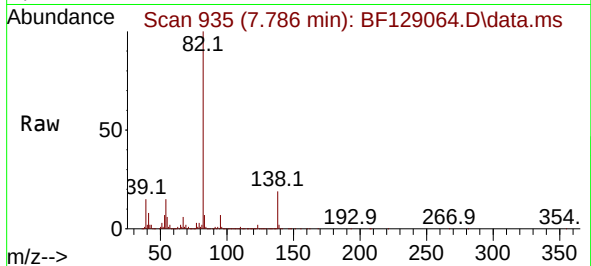




#25
Isophorone
Concen: 55.310 ng
RT: 7.786 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

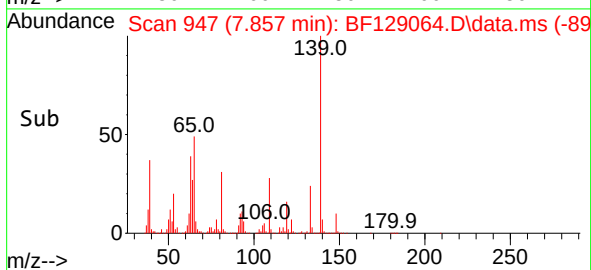
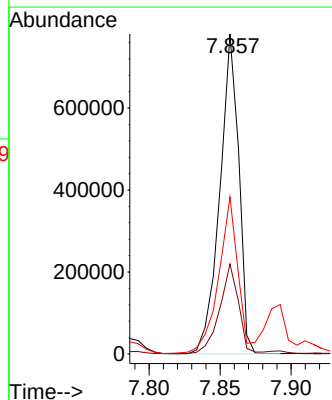
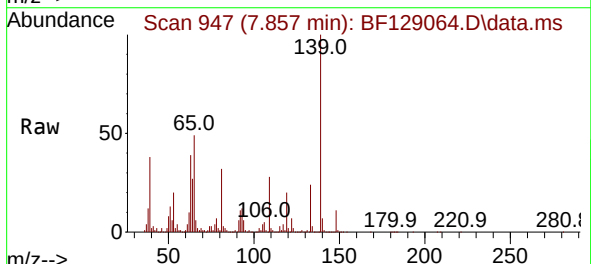
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

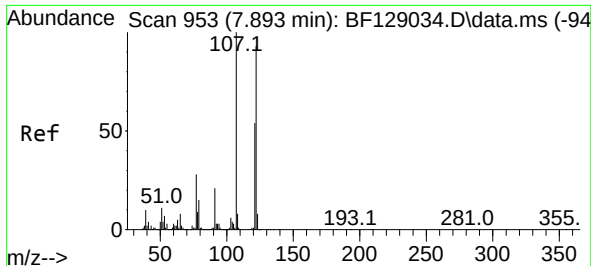
Tgt Ion: 82 Resp: 2538650
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 19.4 14.2 21.2



#26
2-Nitrophenol
Concen: 59.295 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:139 Resp: 724141
Ion Ratio Lower Upper
139 100
109 28.1 25.0 37.4
65 49.0 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 57.894 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

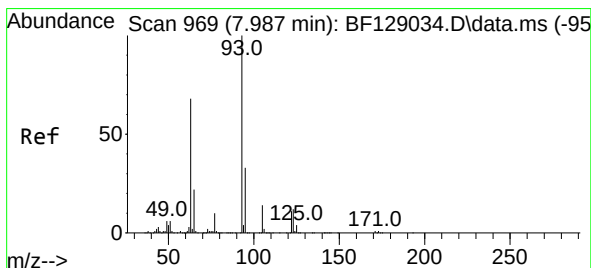
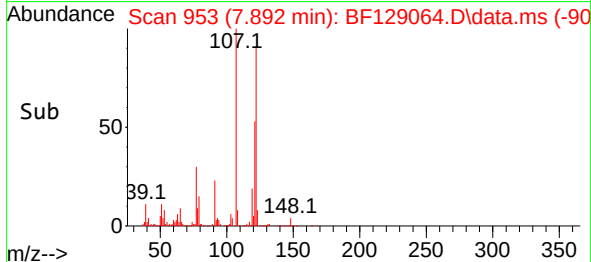
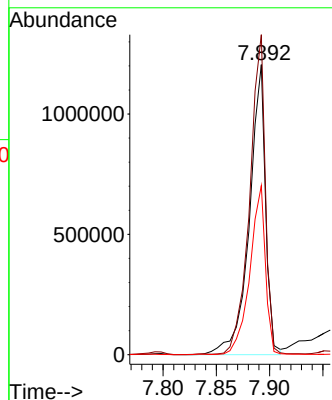
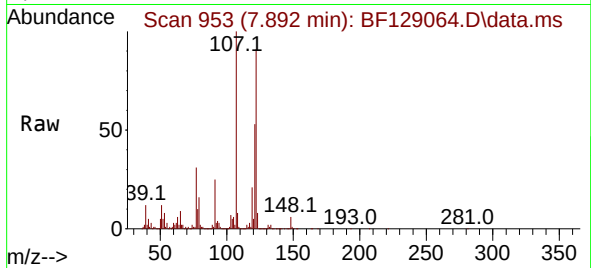
Tgt Ion:122 Resp: 1276451

Ion Ratio Lower Upper

122 100

107 110.3 93.0 139.6

121 58.3 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 49.389 ng

RT: 7.986 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

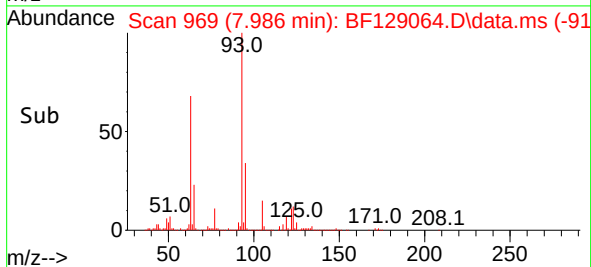
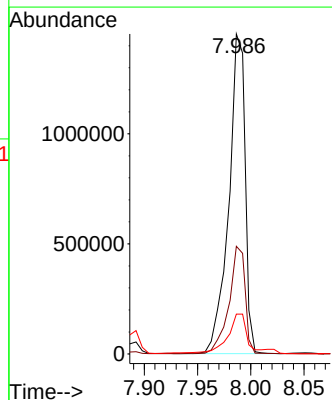
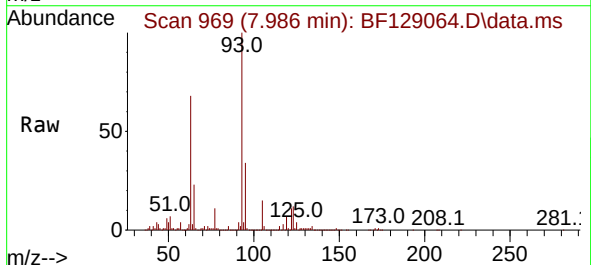
Tgt Ion: 93 Resp: 1556838

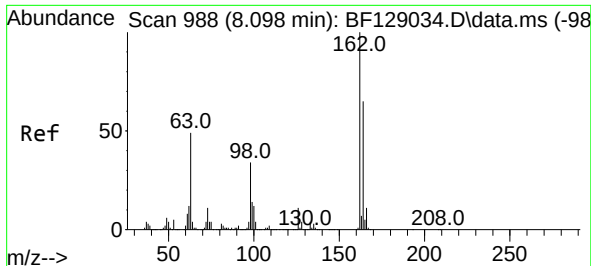
Ion Ratio Lower Upper

93 100

95 33.6 26.8 40.2

123 12.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 51.899 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

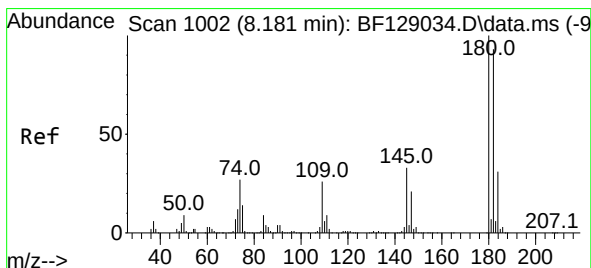
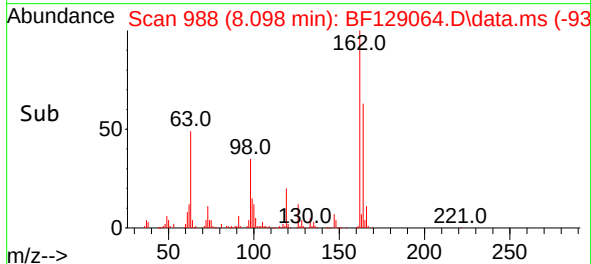
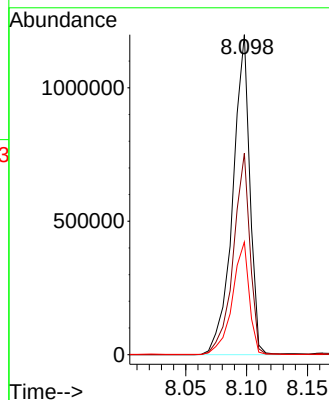
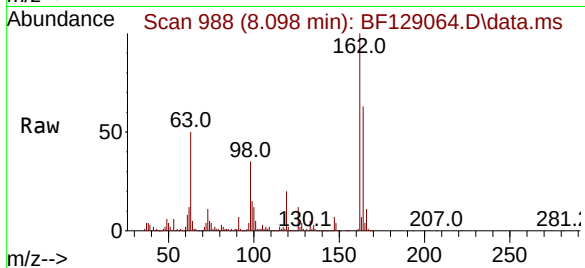
Tgt Ion:162 Resp: 1167131

Ion Ratio Lower Upper

162 100

164 63.0 44.2 84.2

98 35.2 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 47.844 ng

RT: 8.180 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

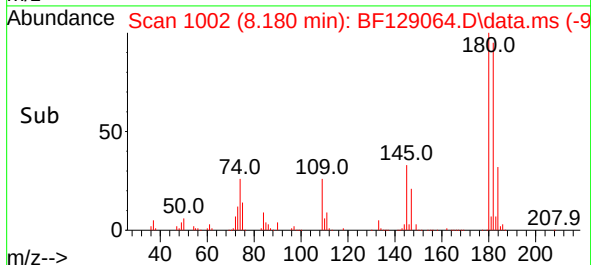
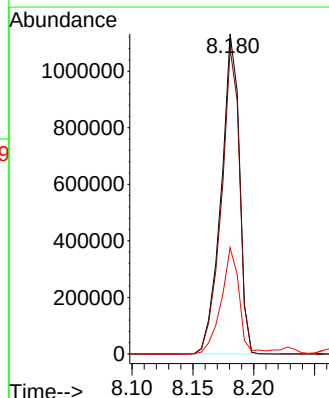
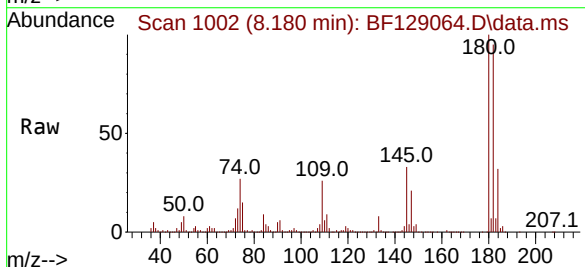
Tgt Ion:180 Resp: 1183995

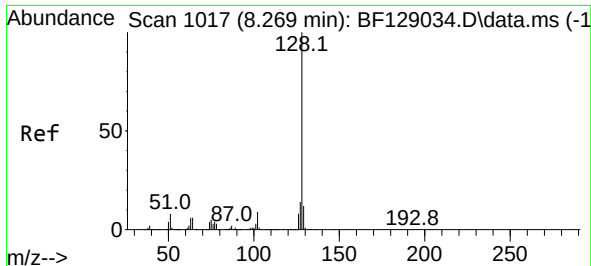
Ion Ratio Lower Upper

180 100

182 95.3 79.2 118.8

145 33.2 26.2 39.2

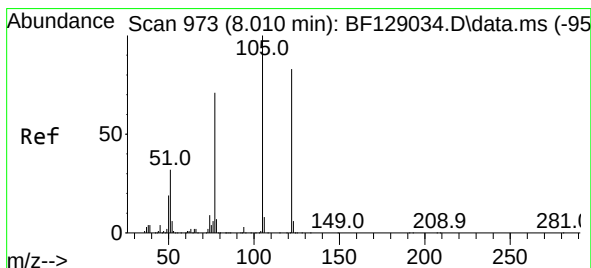
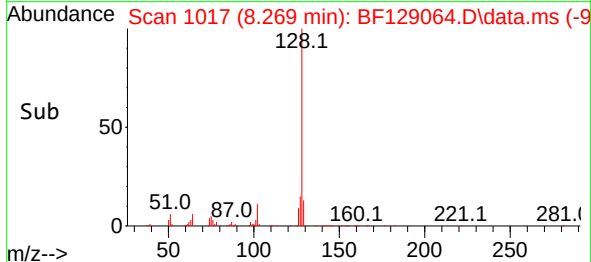
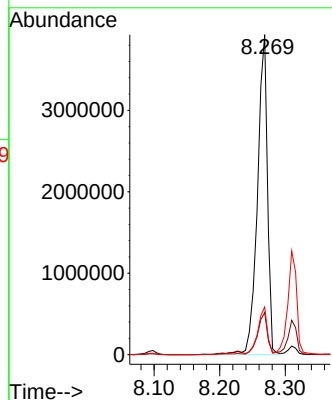
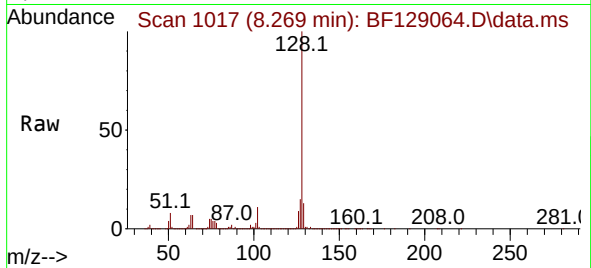




#31
Naphthalene
Concen: 56.820 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

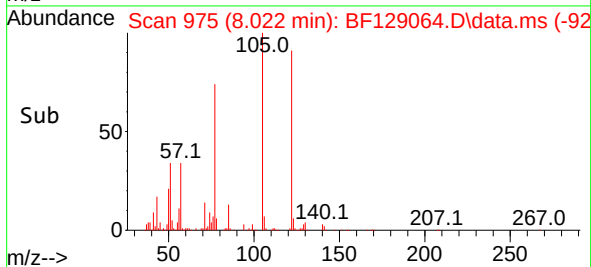
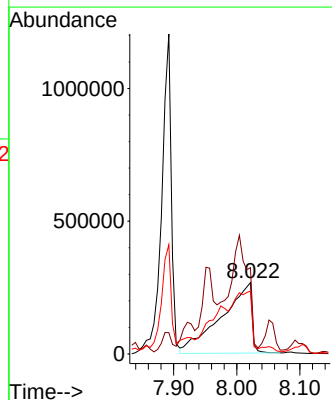
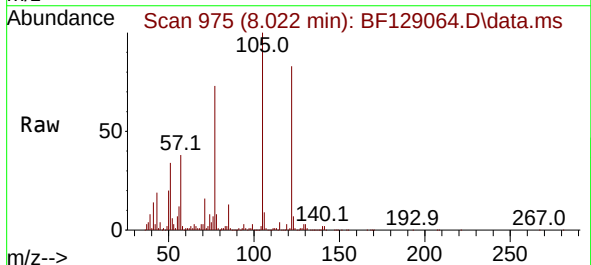
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

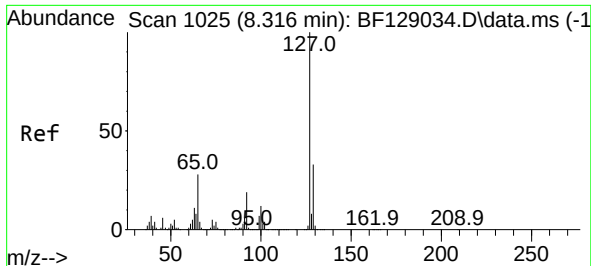
Tgt Ion:128 Resp: 4178444
Ion Ratio Lower Upper
128 100
129 13.1 9.2 13.8
127 14.9 10.5 15.7



#32
Benzoic acid
Concen: 50.730 ng
RT: 8.022 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:122 Resp: 897387
Ion Ratio Lower Upper
122 100
105 120.8 107.1 147.1
77 88.0 74.2 114.2



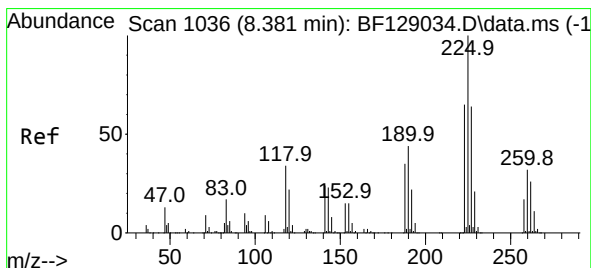
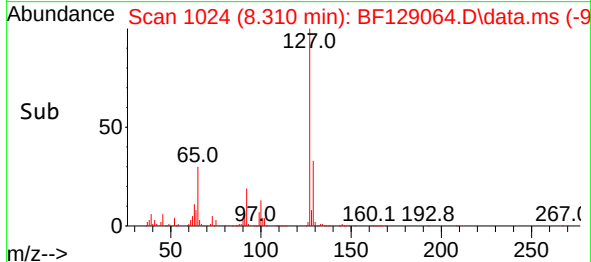
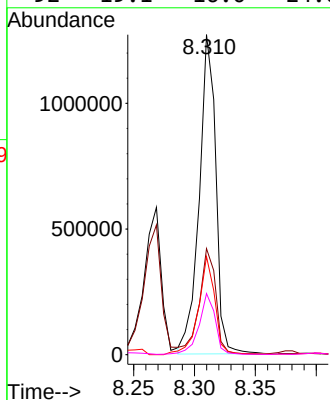
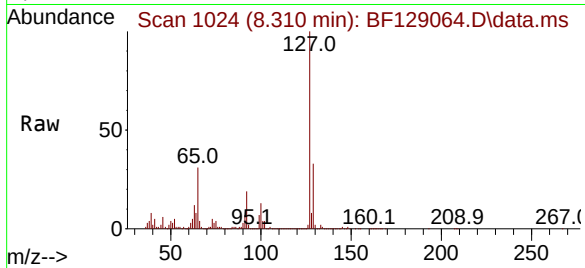


#33
4-Chloroaniline
Concen: 40.736 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Instrument :
BNA_F
ClientSampleId :
B2208-28MS

Tgt Ion:127 Resp: 1207089

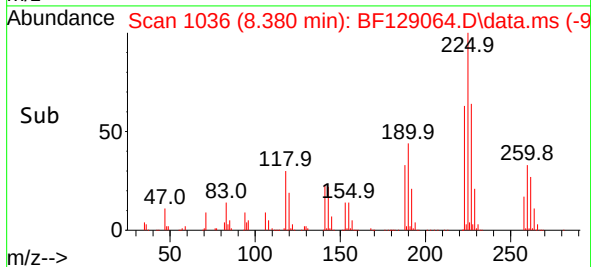
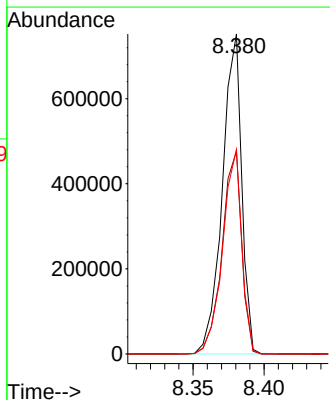
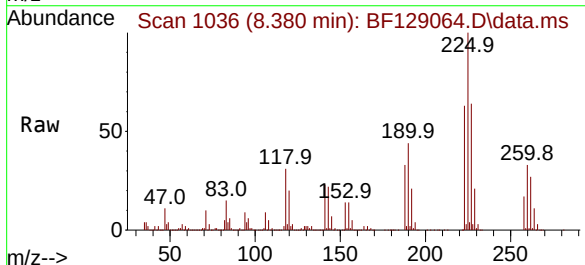
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.4	39.6
65	30.7	26.4	39.6
92	19.1	16.0	24.0

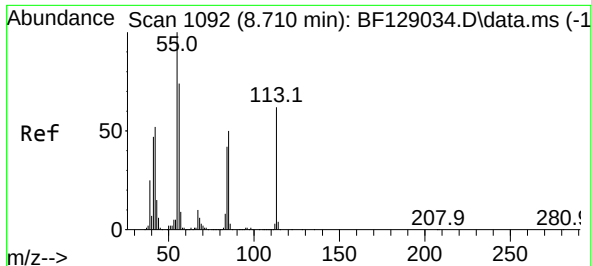


#34
Hexachlorobutadiene
Concen: 47.977 ng
RT: 8.380 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:225 Resp: 708944

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	63.9	51.1	76.7





#35

Caprolactam

Concen: 27.502 ng

RT: 8.704 min Scan# 1091

Delta R.T. -0.006 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

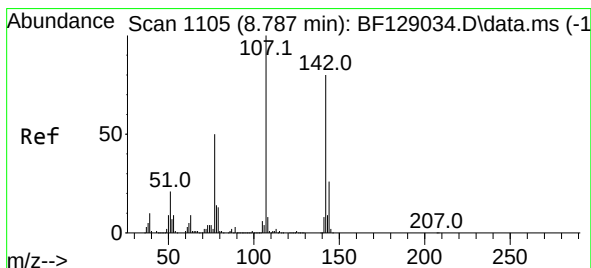
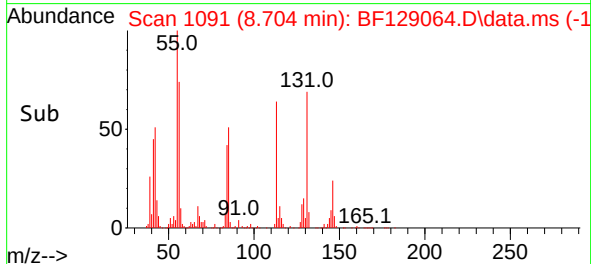
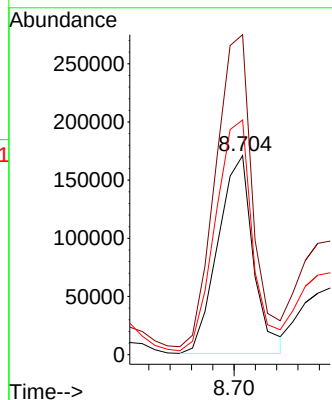
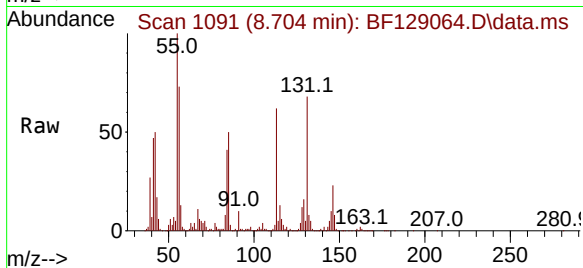
Tgt Ion:113 Resp: 196119

Ion Ratio Lower Upper

113 100

55 160.8 188.5 228.5#

56 117.9 130.6 170.6#



#36

4-Chloro-3-methylphenol

Concen: 51.150 ng

RT: 8.792 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

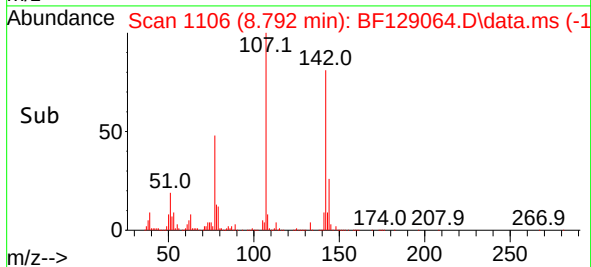
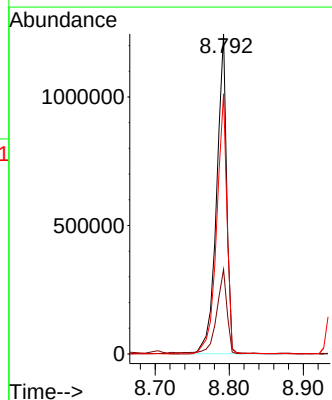
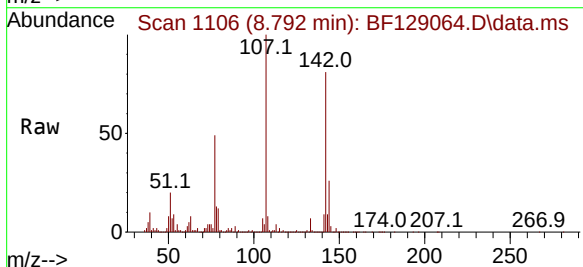
Tgt Ion:107 Resp: 1168715

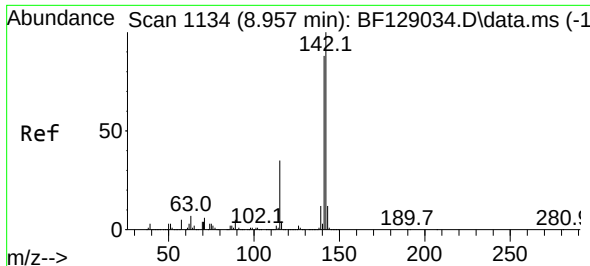
Ion Ratio Lower Upper

107 100

144 26.4 19.5 29.3

142 81.3 58.2 87.4

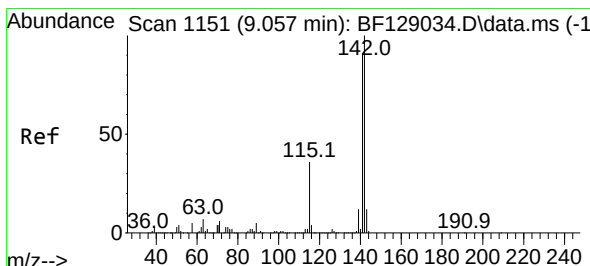
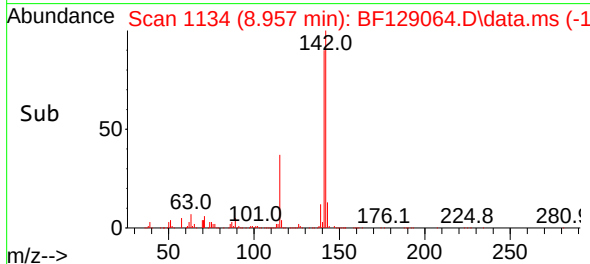
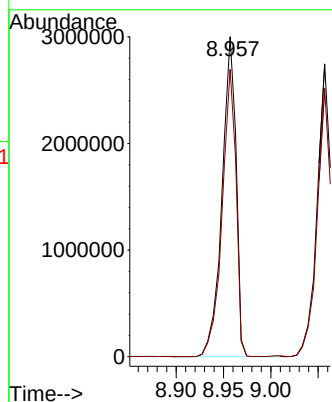
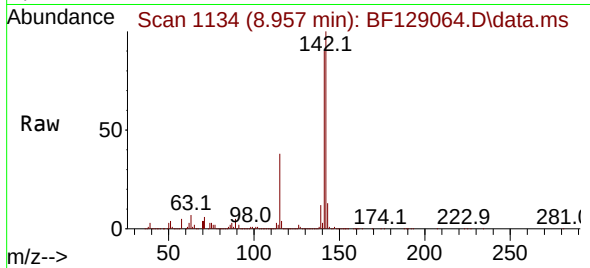




#37
2-Methylnaphthalene
Concen: 62.632 ng
RT: 8.957 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

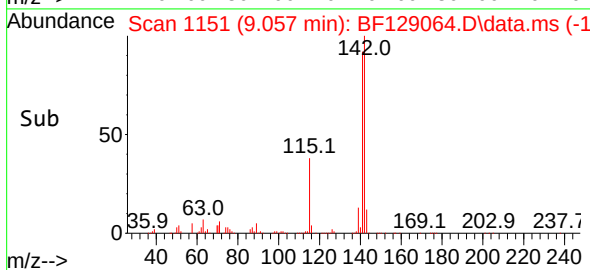
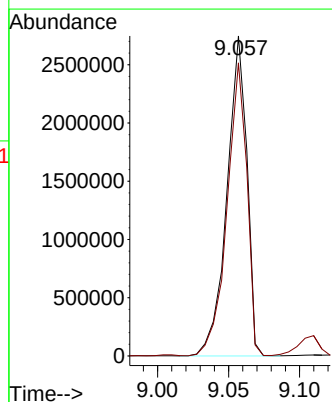
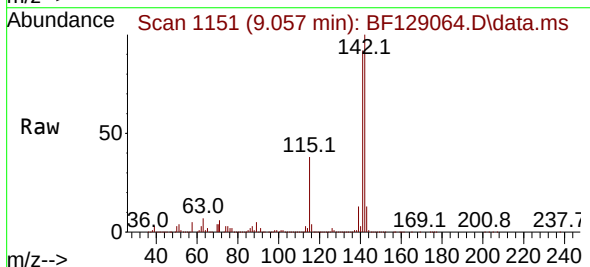
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

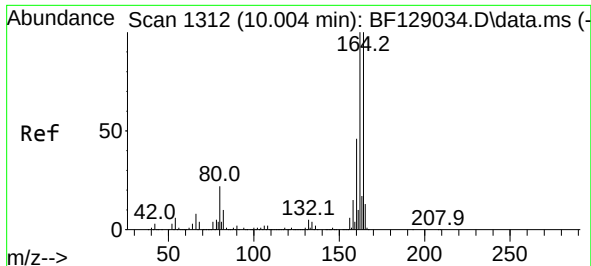
Tgt Ion:142 Resp: 3099256
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.4



#38
1-Methylnaphthalene
Concen: 55.733 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:142 Resp: 2678203
Ion Ratio Lower Upper
142 100
141 91.6 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

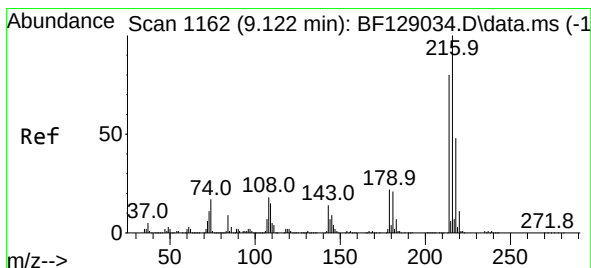
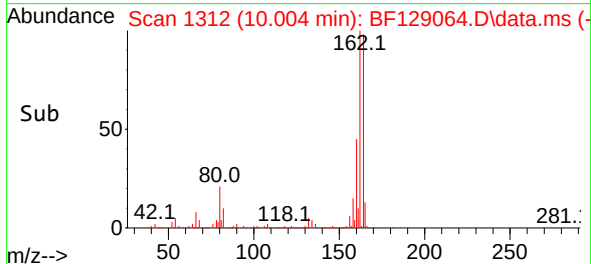
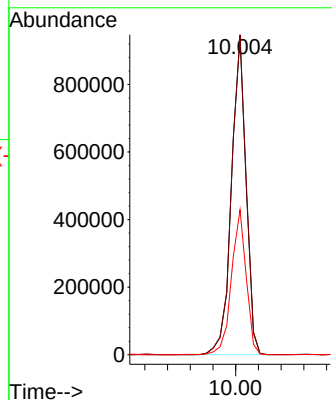
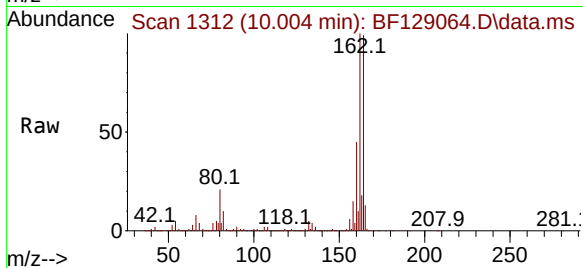
Tgt Ion:164 Resp: 838965

Ion Ratio Lower Upper

164 100

162 100.7 79.5 119.3

160 45.6 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.181 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Tgt Ion:216 Resp: 1159789

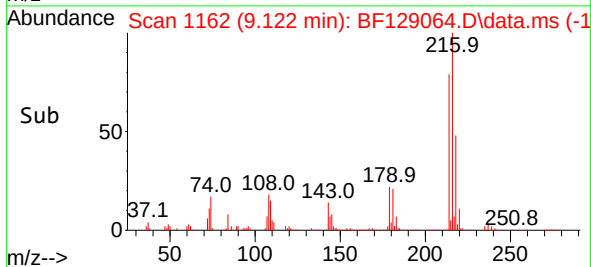
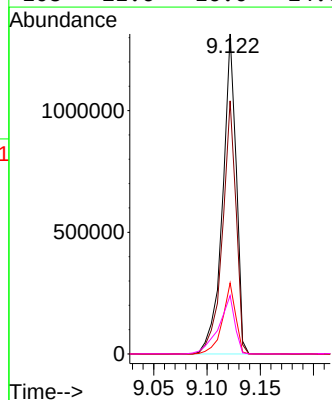
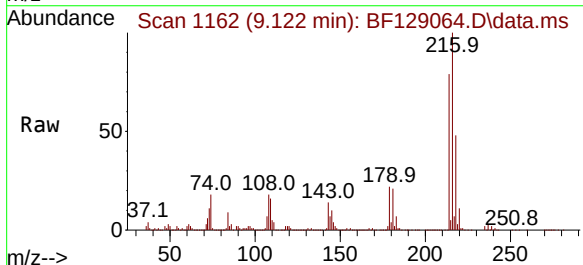
Ion Ratio Lower Upper

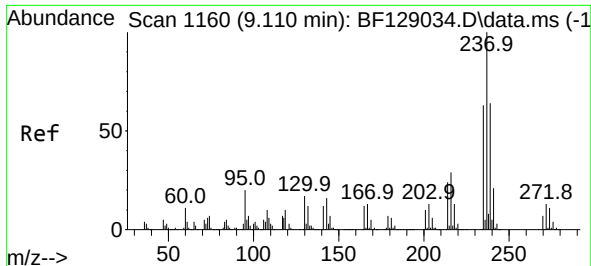
216 100

214 78.5 63.6 95.4

179 21.4 17.0 25.6

108 21.6 16.0 24.0

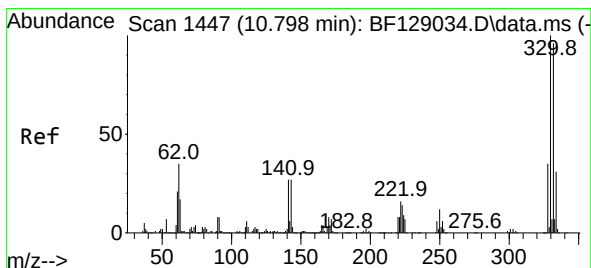
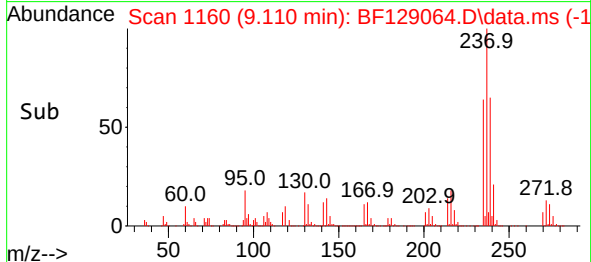
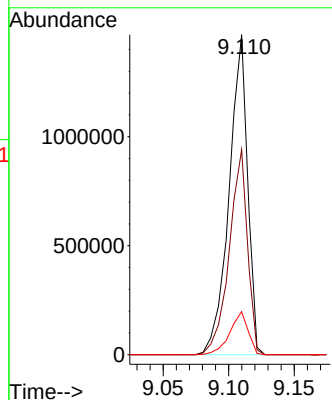
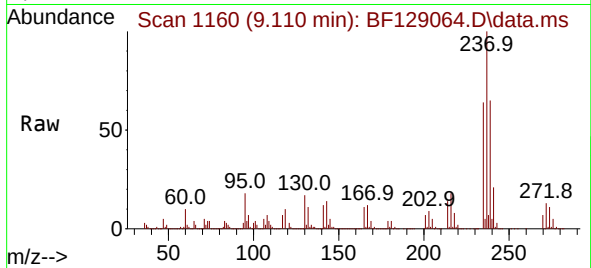




#41
Hexachlorocyclopentadiene
Concen: 115.586 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

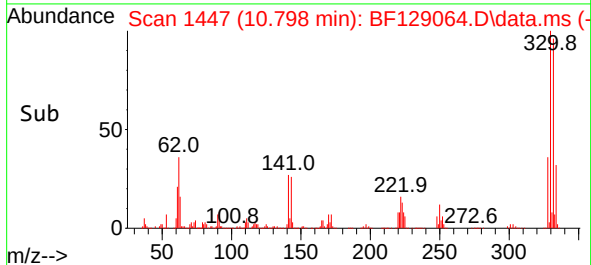
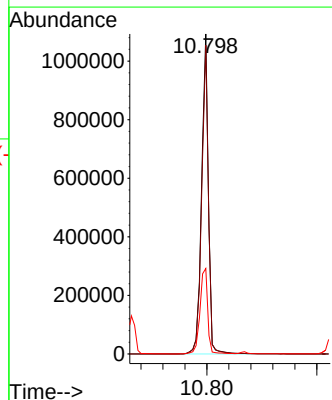
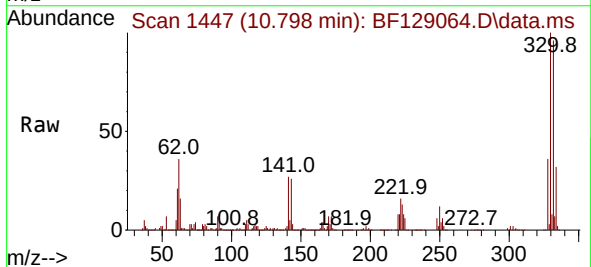
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

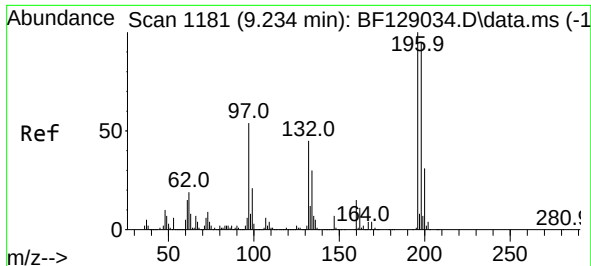
Tgt Ion:237 Resp: 1438794
Ion Ratio Lower Upper
237 100
235 64.0 43.2 83.2
272 13.5 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 102.786 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:330 Resp: 937669
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 30.6 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 50.163 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

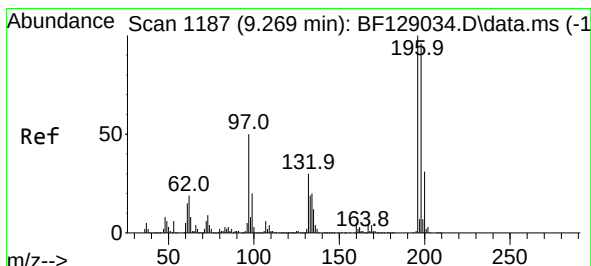
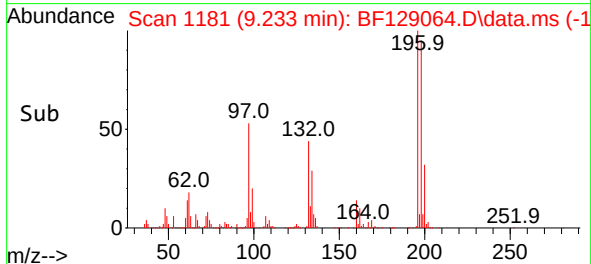
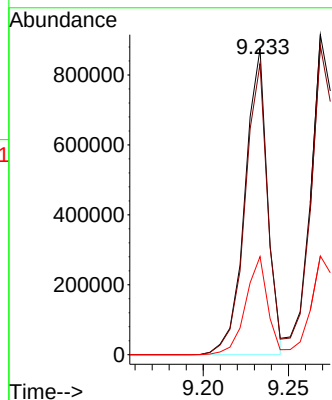
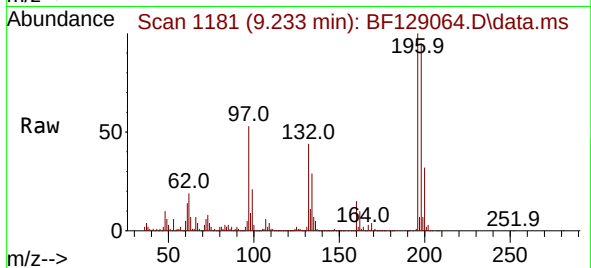
Tgt Ion:196 Resp: 805747

Ion Ratio Lower Upper

196 100

198 95.1 74.0 111.0

200 32.1 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 50.348 ng

RT: 9.269 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Tgt Ion:196 Resp: 860225

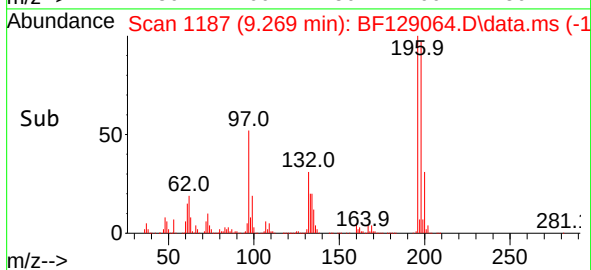
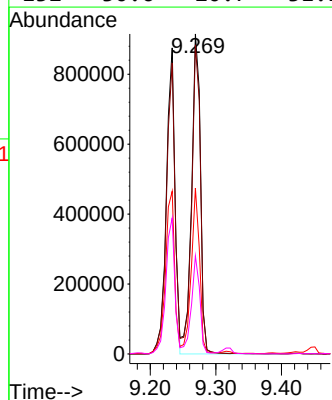
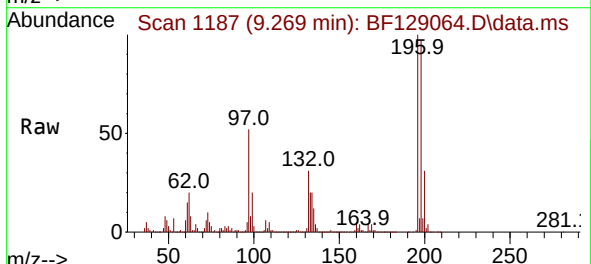
Ion Ratio Lower Upper

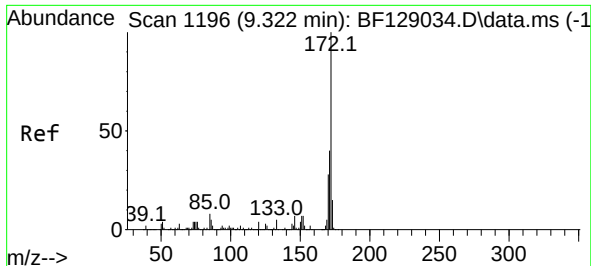
196 100

198 96.6 75.7 113.5

97 51.9 36.4 54.6

132 30.6 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 65.758 ng

RT: 9.322 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

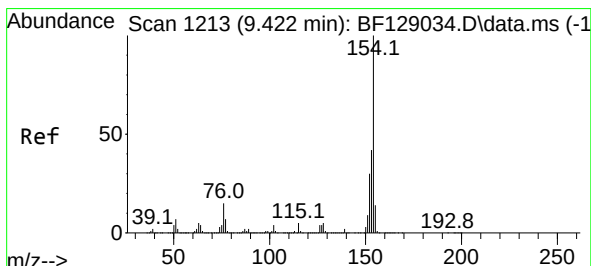
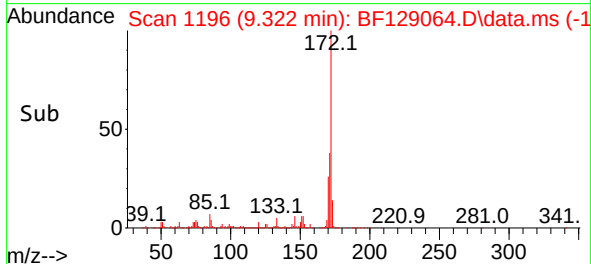
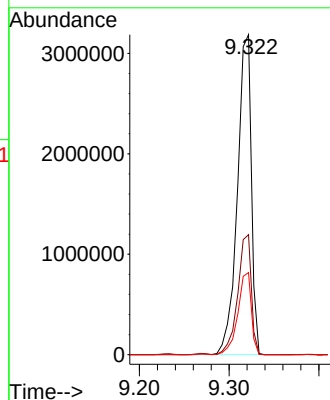
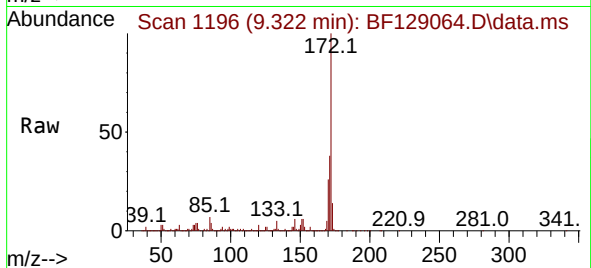
Tgt Ion:172 Resp: 3448502

Ion Ratio Lower Upper

172 100

171 37.5 28.8 43.2

170 25.7 19.8 29.8



#46

1,1'-Biphenyl

Concen: 49.148 ng

RT: 9.422 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

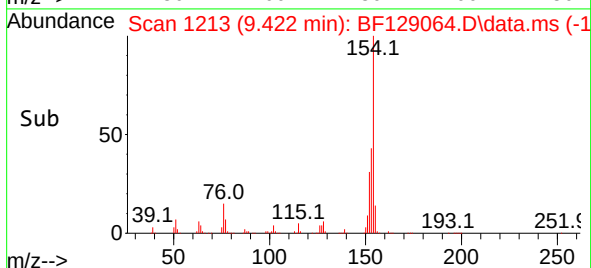
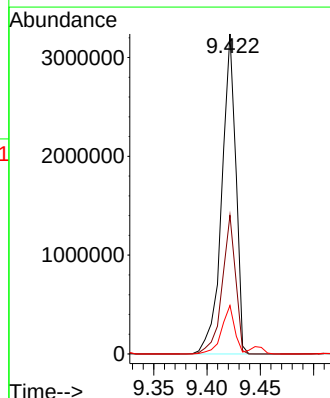
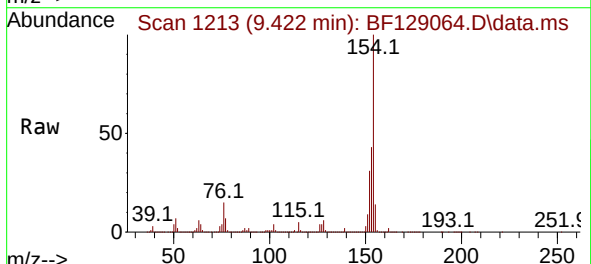
Tgt Ion:154 Resp: 2964371

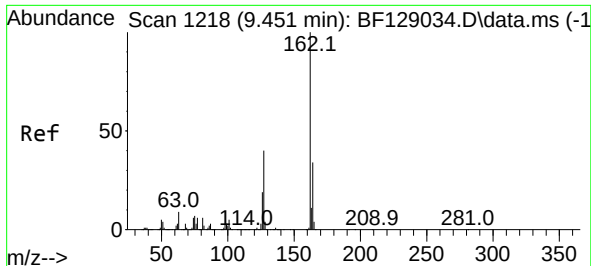
Ion Ratio Lower Upper

154 100

153 43.3 20.6 60.6

76 15.2 0.0 33.3





#47

2-Chloronaphthalene

Concen: 49.224 ng

RT: 9.451 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

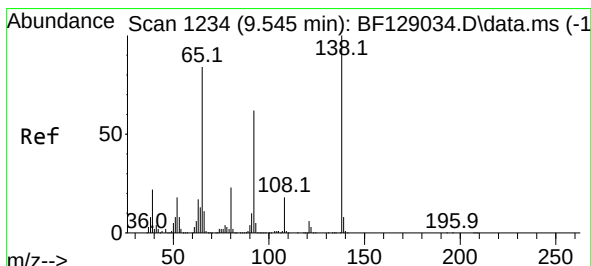
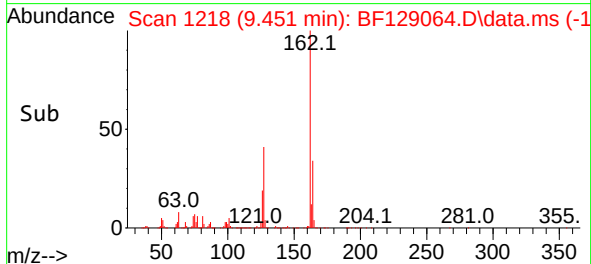
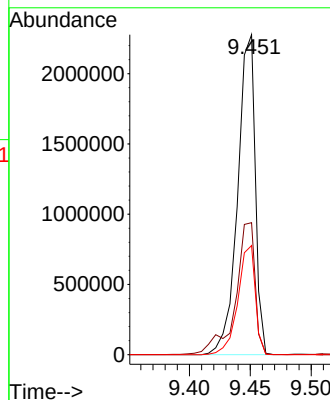
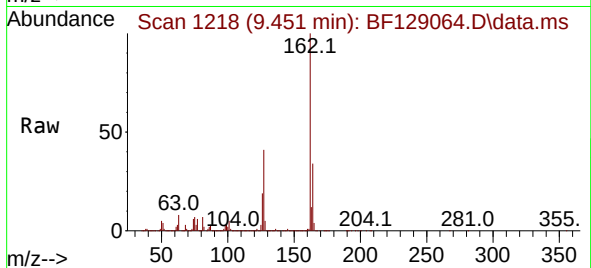
Tgt Ion:162 Resp: 2292766

Ion Ratio Lower Upper

162 100

127 41.2 34.5 51.7

164 34.1 26.5 39.7



#48

2-Nitroaniline

Concen: 56.254 ng

RT: 9.545 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

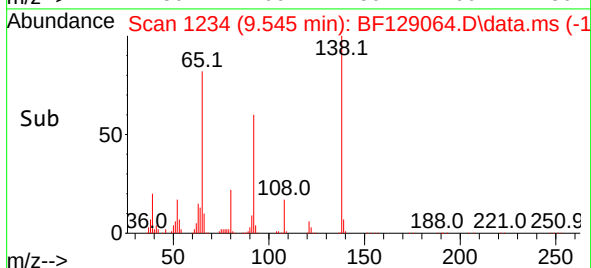
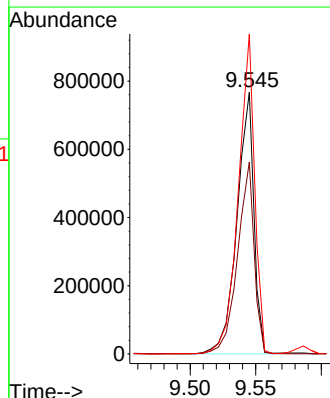
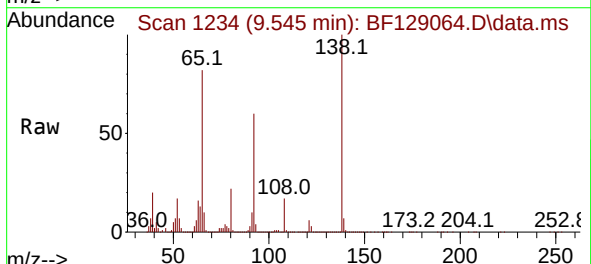
Tgt Ion: 65 Resp: 690115

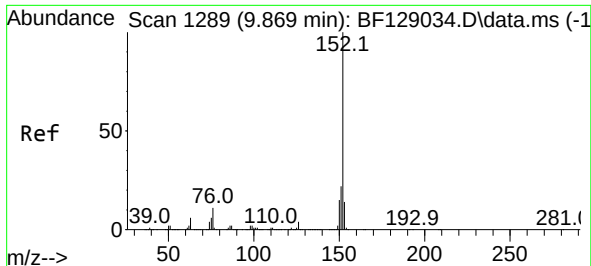
Ion Ratio Lower Upper

65 100

92 73.3 51.9 77.9

138 122.3 76.4 114.6#

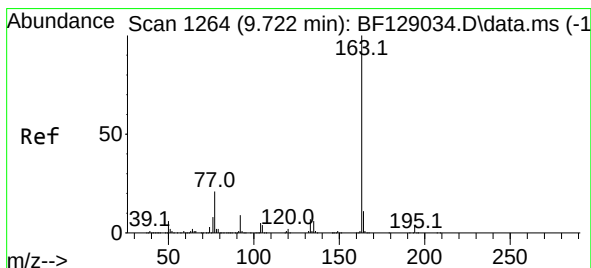
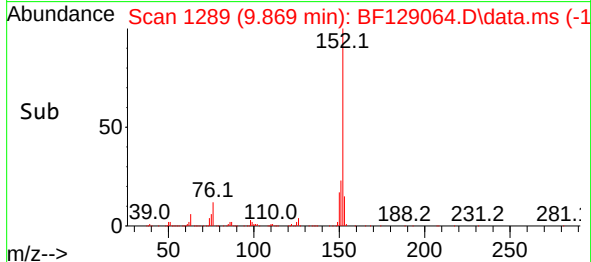
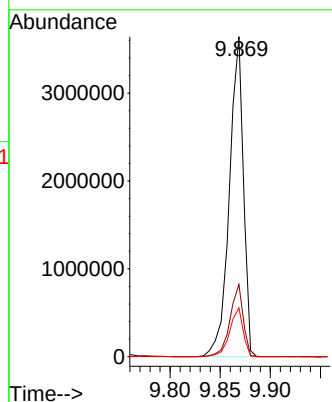
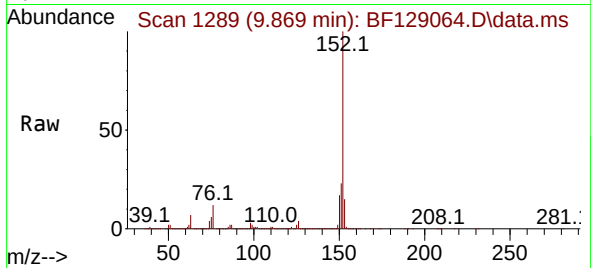




#49
Acenaphthylene
Concen: 50.065 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

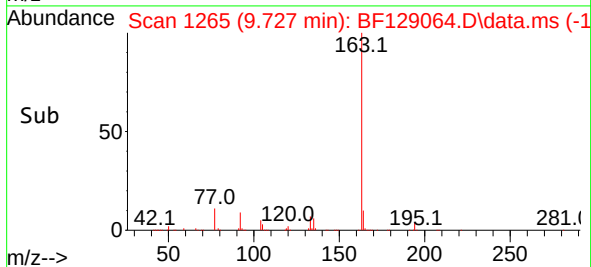
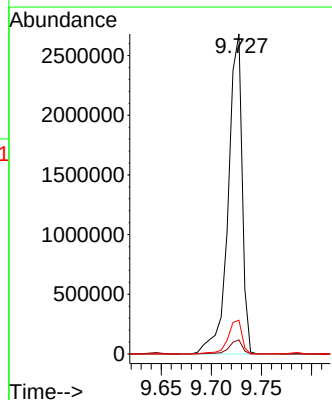
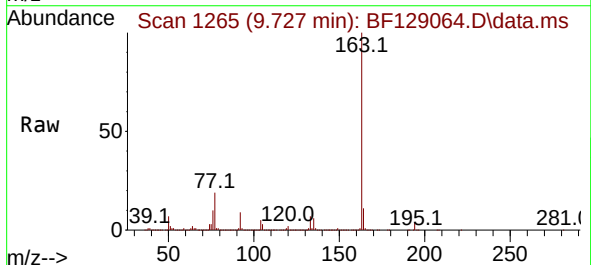
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

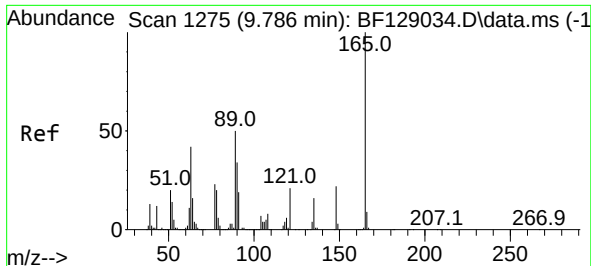
Tgt Ion:152 Resp: 3543338
Ion Ratio Lower Upper
152 100
151 22.6 16.2 24.4
153 15.2 10.7 16.1



#50
Dimethylphthalate
Concen: 49.223 ng
RT: 9.727 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:163 Resp: 2583531
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.6 8.2 12.2

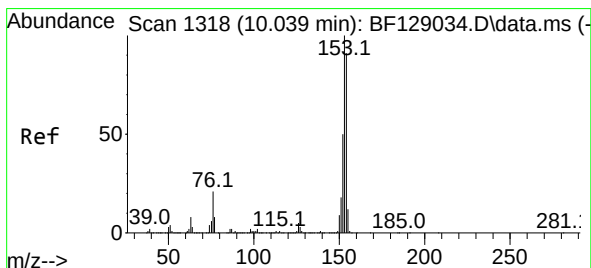
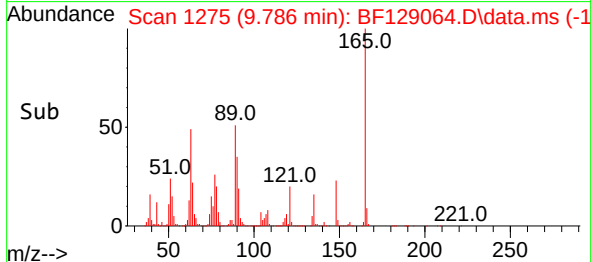
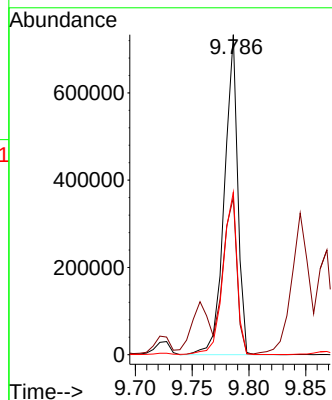
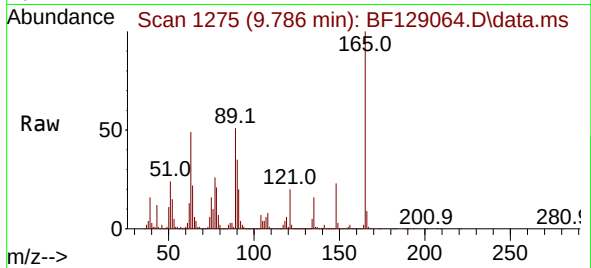




#51
2,6-Dinitrotoluene
Concen: 56.015 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

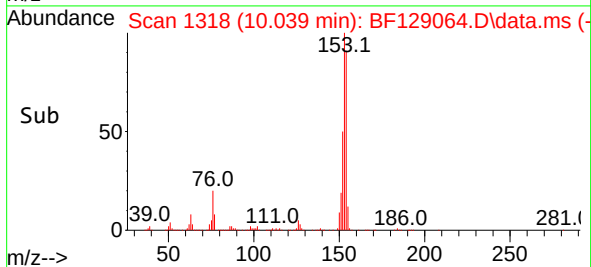
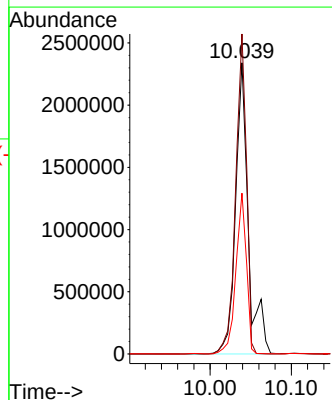
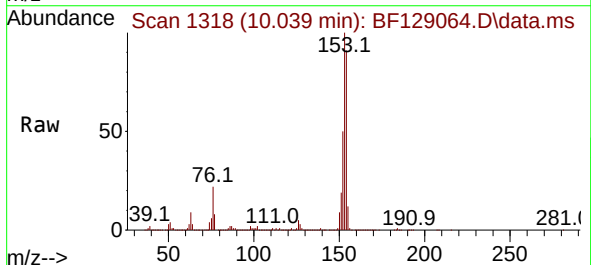
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

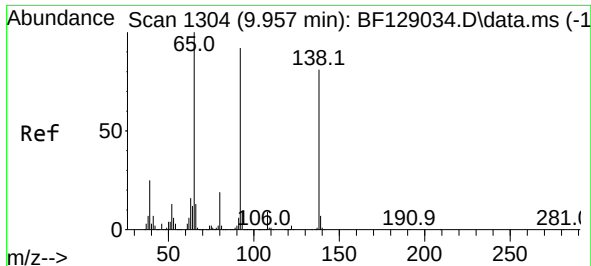
Tgt Ion:165 Resp: 600771
Ion Ratio Lower Upper
165 100
63 49.1 44.9 67.3
89 50.7 43.6 65.4



#52
Acenaphthene
Concen: 55.087 ng
RT: 10.039 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:154 Resp: 2539566
Ion Ratio Lower Upper
154 100
153 109.9 89.6 134.4
152 55.2 42.4 63.6

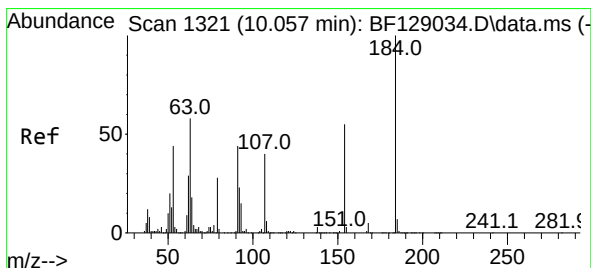
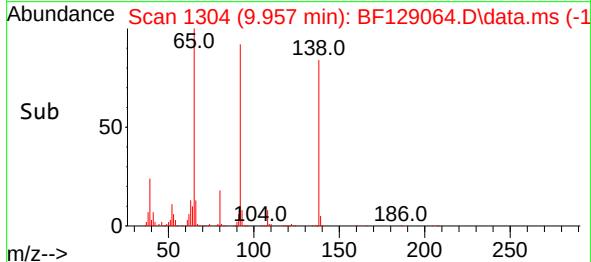
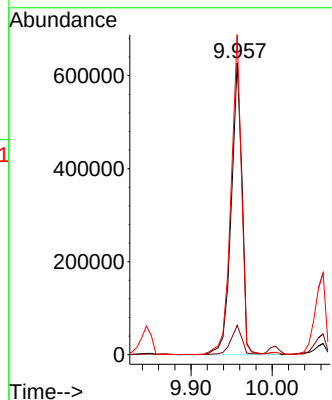
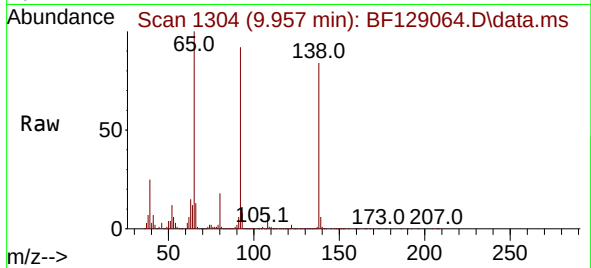




#53
3-Nitroaniline
Concen: 45.144 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

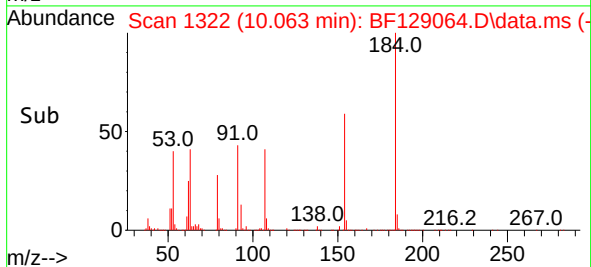
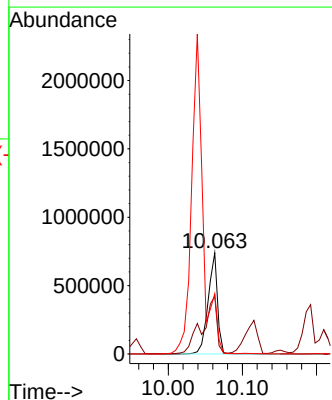
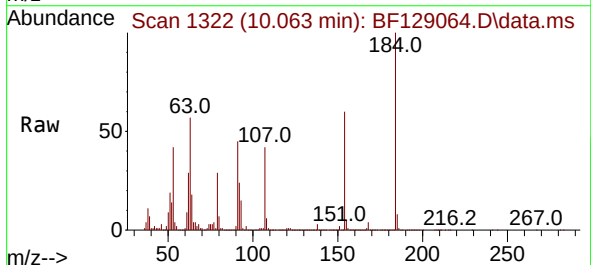
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

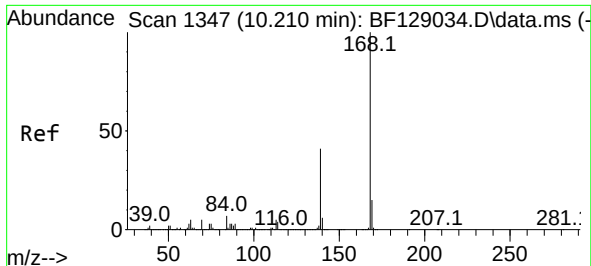
Tgt Ion:138 Resp: 577386
Ion Ratio Lower Upper
138 100
108 10.0 10.9 16.3#
92 109.6 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 109.844 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:184 Resp: 653338
Ion Ratio Lower Upper
184 100
63 57.0 64.5 96.7#
154 59.5 50.6 75.8

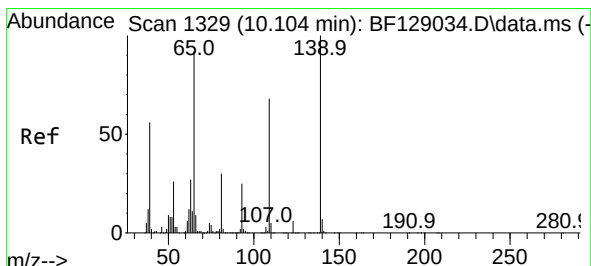
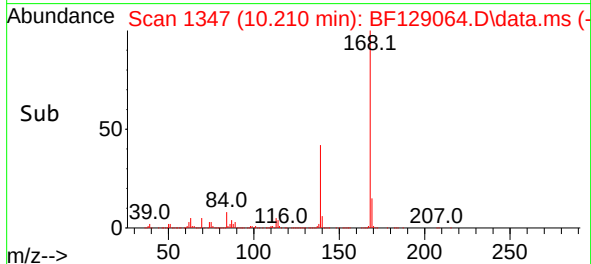
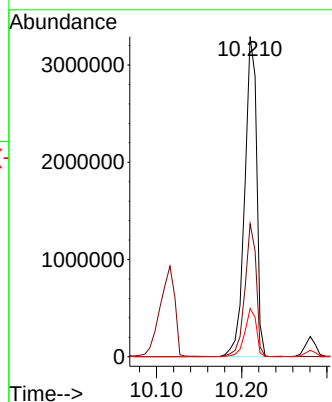
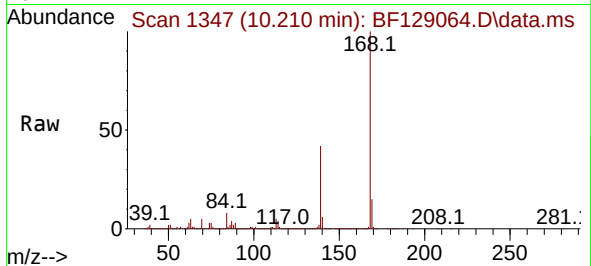




#55
Dibenzofuran
Concen: 47.929 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

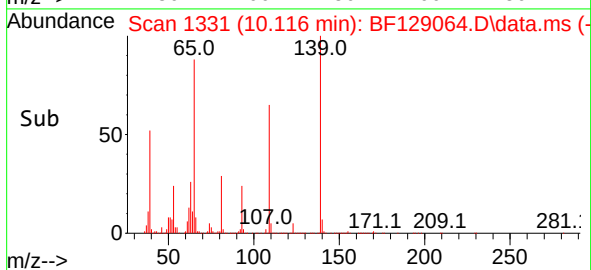
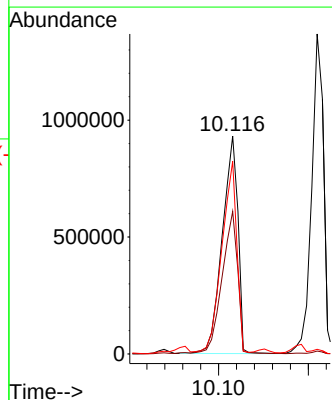
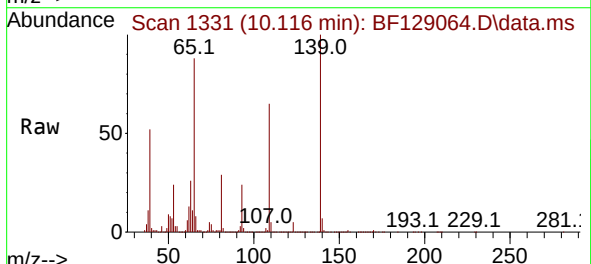
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

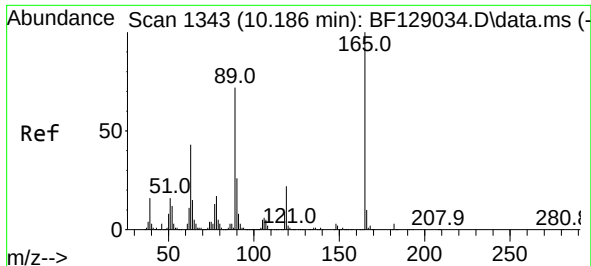
Tgt Ion:168 Resp: 3217397
Ion Ratio Lower Upper
168 100
139 41.6 30.6 46.0
169 15.1 11.0 16.6



#56
4-Nitrophenol
Concen: 107.888 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:139 Resp: 1127437
Ion Ratio Lower Upper
139 100
109 65.4 50.7 90.7
65 88.5 74.5 114.5

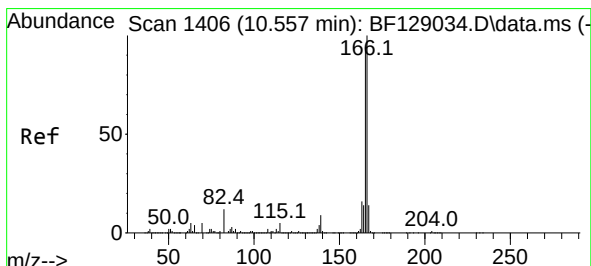
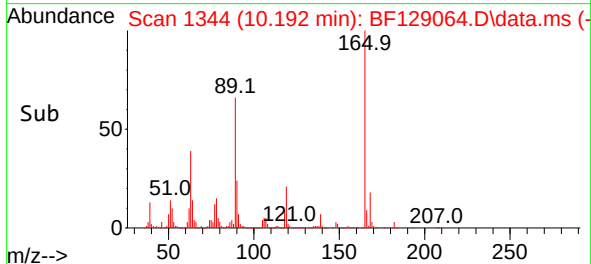
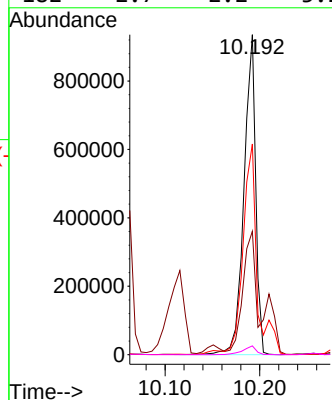
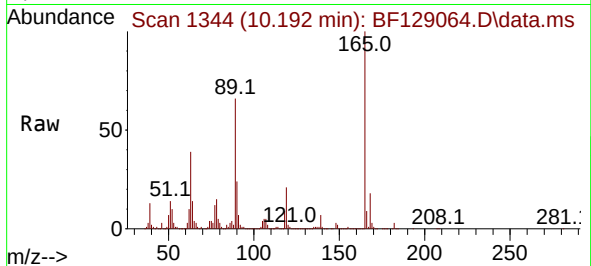




#57
2,4-Dinitrotoluene
Concen: 60.419 ng
RT: 10.192 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

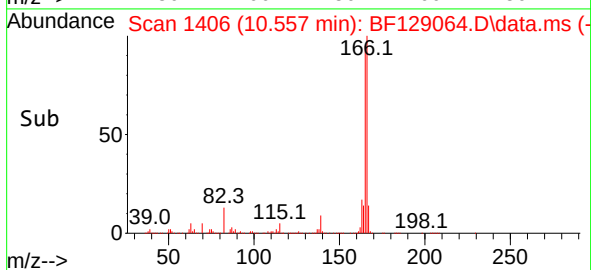
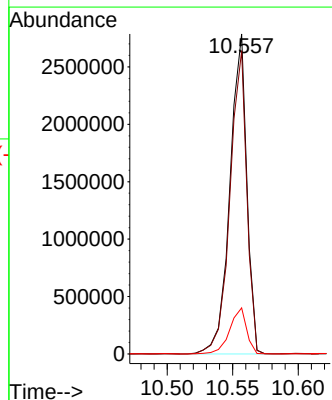
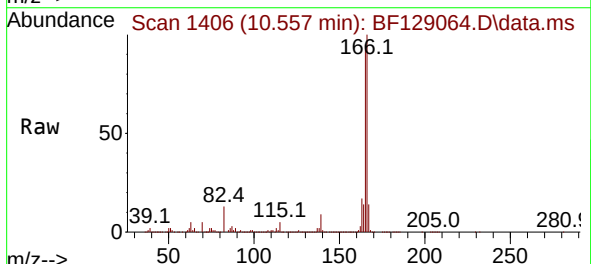
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

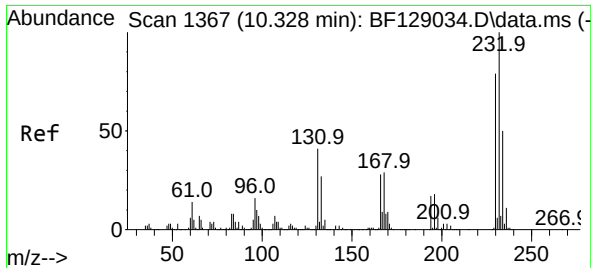
Tgt Ion:165 Resp: 799982
Ion Ratio Lower Upper
165 100
63 38.6 39.8 59.6#
89 65.8 60.2 90.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 48.164 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:166 Resp: 2500909
Ion Ratio Lower Upper
166 100
165 94.7 78.1 117.1
167 14.4 10.5 15.7

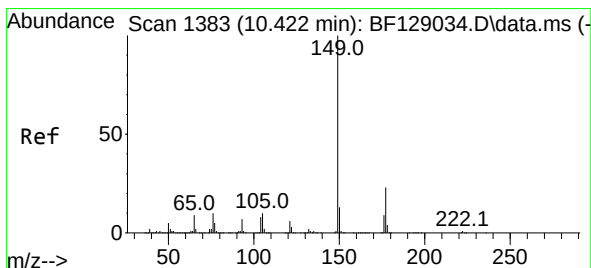
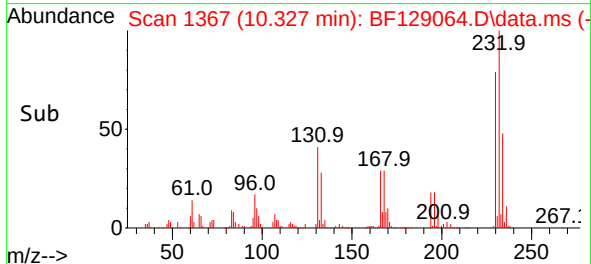
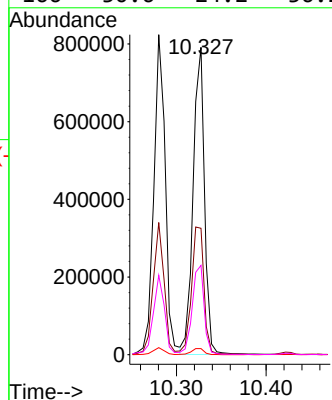
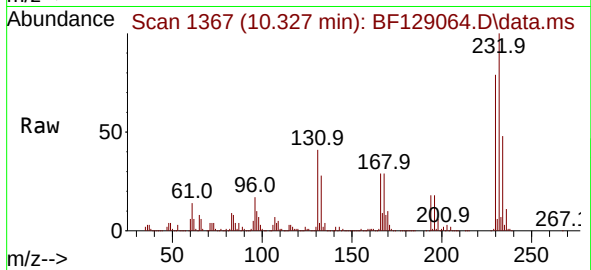




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.328 ng
RT: 10.327 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

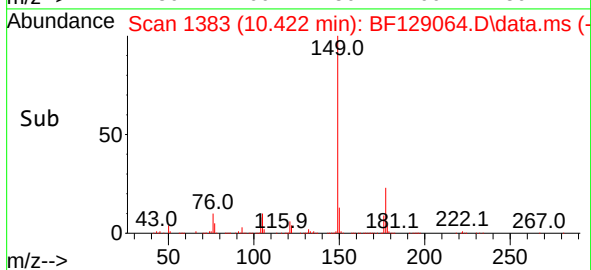
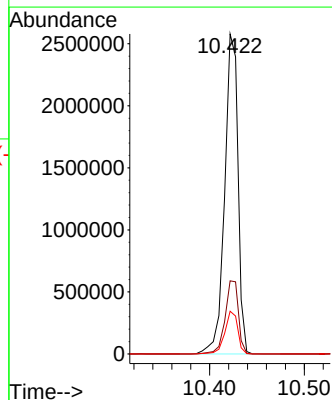
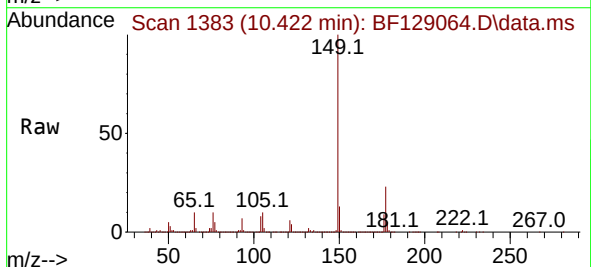
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

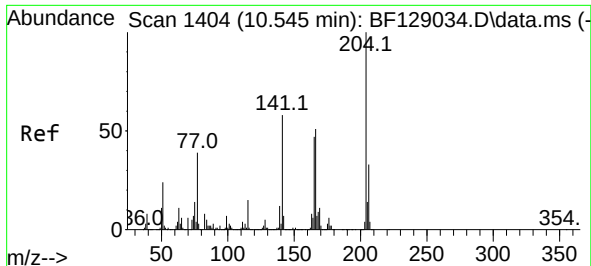
Tgt Ion:232 Resp: 698233
Ion Ratio Lower Upper
232 100
131 45.6 36.1 54.1
130 2.3 1.8 2.8
166 30.6 24.2 36.2



#60
Diethylphthalate
Concen: 48.193 ng
RT: 10.422 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:149 Resp: 2534570
Ion Ratio Lower Upper
149 100
177 22.8 17.3 25.9
150 13.3 10.2 15.2

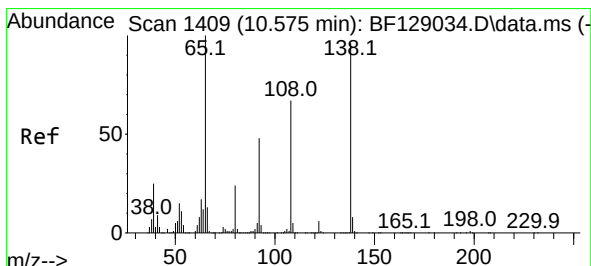
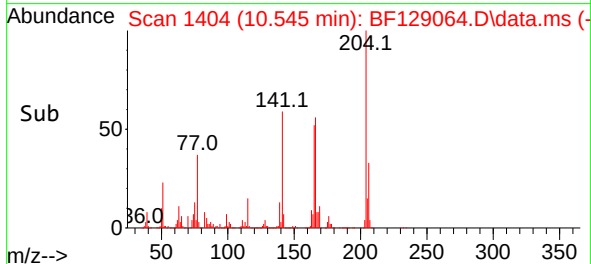
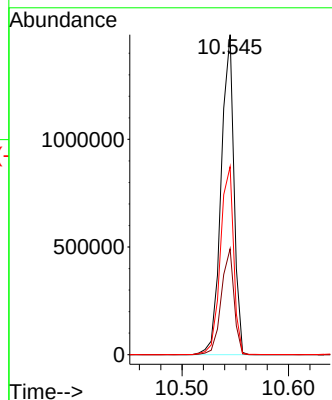
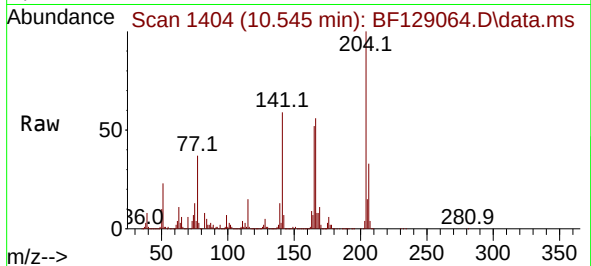




#61
4-Chlorophenyl-phenylether
Concen: 47.841 ng
RT: 10.545 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

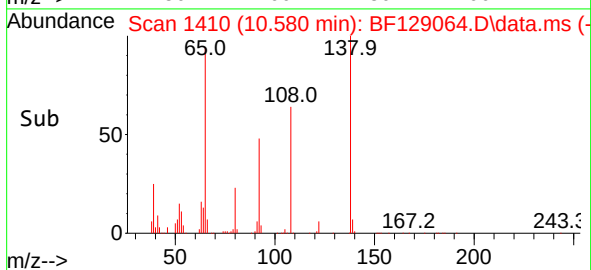
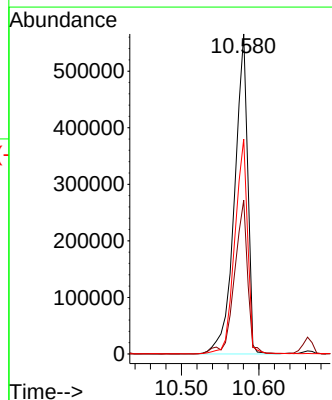
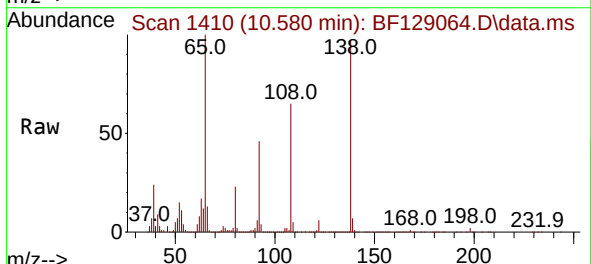
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

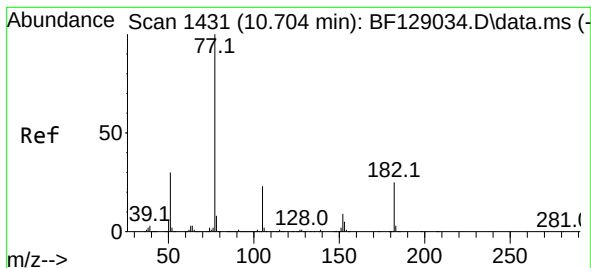
Tgt Ion:204 Resp: 1237721
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 58.7 47.0 70.4



#62
4-Nitroaniline
Concen: 52.949 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:138 Resp: 671540
Ion Ratio Lower Upper
138 100
92 48.1 33.5 73.5
108 67.1 61.0 101.0





#63

Azobenzene

Concen: 48.160 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

Tgt Ion: 77 Resp: 2481549

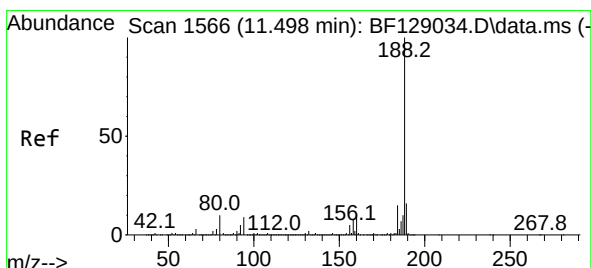
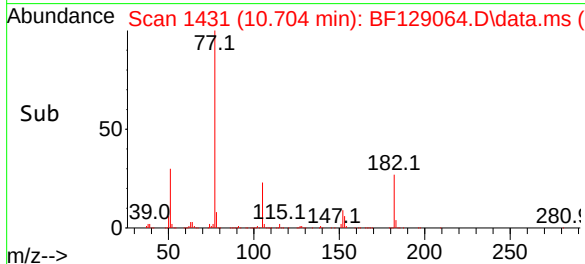
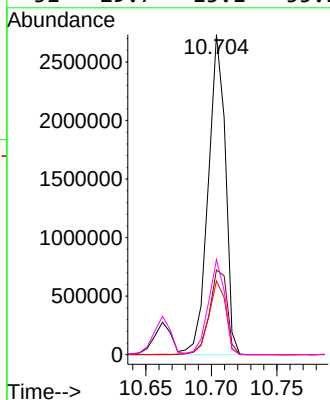
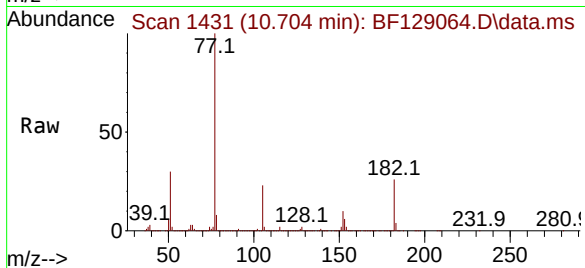
Ion Ratio Lower Upper

77 100

182 26.5 5.6 45.6

105 23.1 1.6 41.6

51 29.7 15.1 55.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1566

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

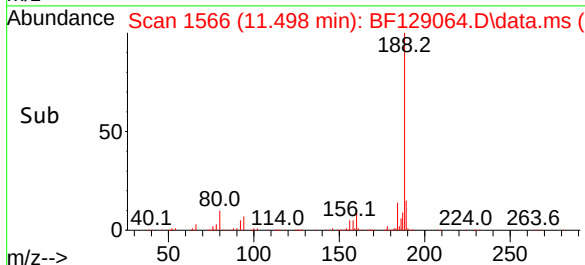
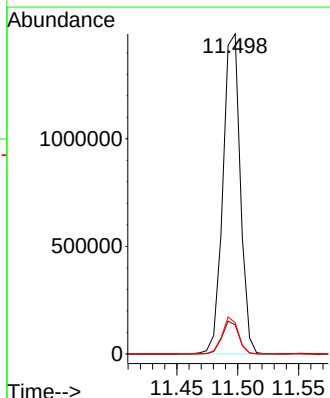
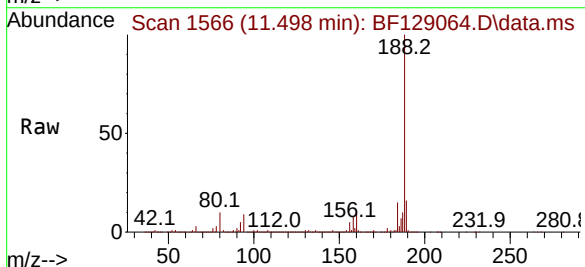
Tgt Ion: 188 Resp: 1483757

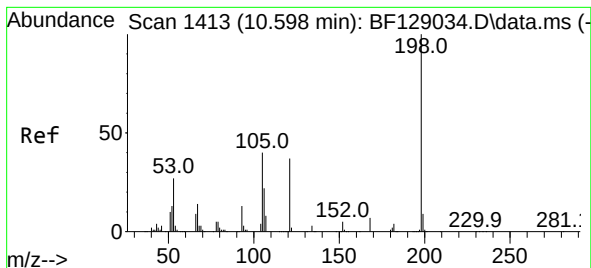
Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

80 9.8 7.6 11.4

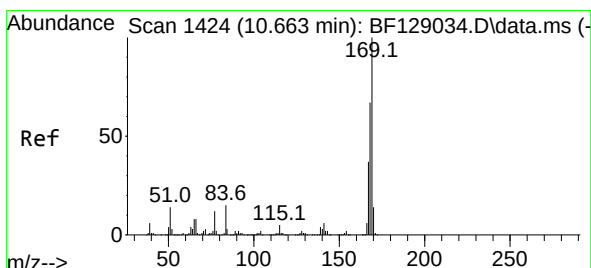
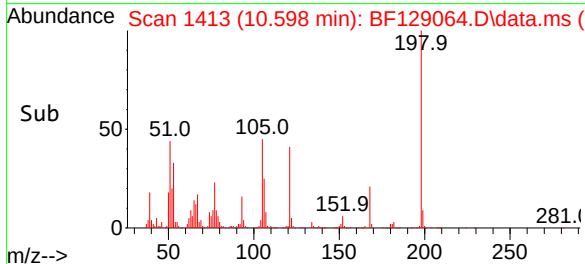
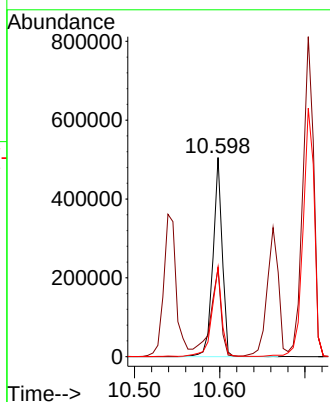
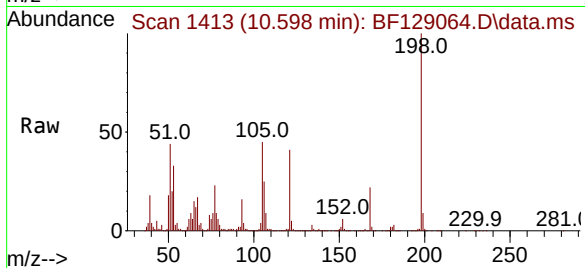




#65
4,6-Dinitro-2-methylphenol
Concen: 58.350 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

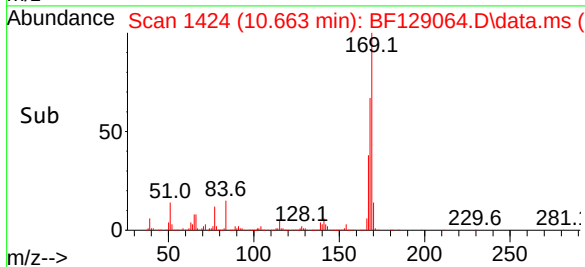
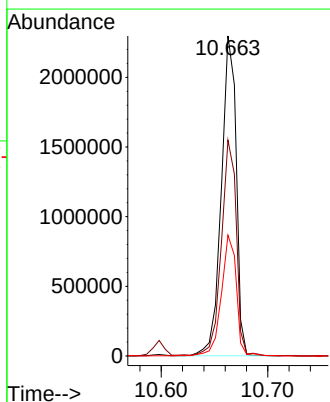
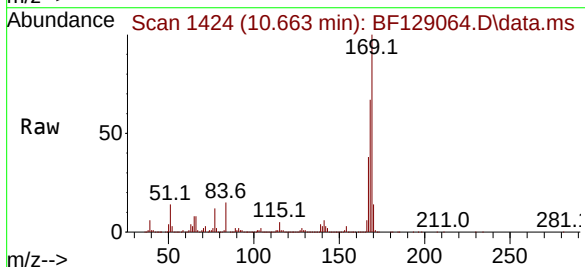
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

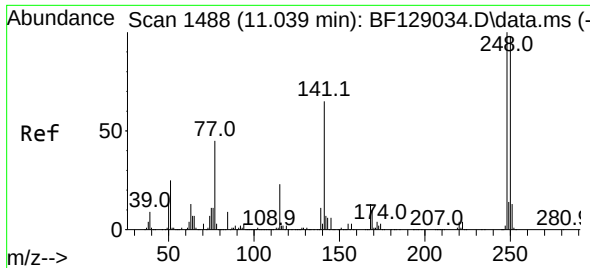
Tgt Ion:198 Resp: 383026
Ion Ratio Lower Upper
198 100
51 44.2 37.6 77.6
105 44.9 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 49.290 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:169 Resp: 2221128
Ion Ratio Lower Upper
169 100
168 67.5 50.1 75.1
167 37.7 27.9 41.9

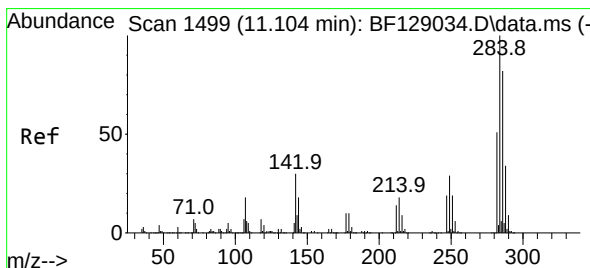
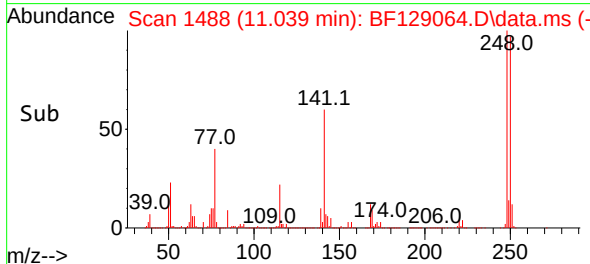
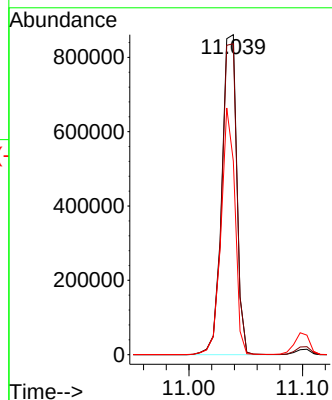
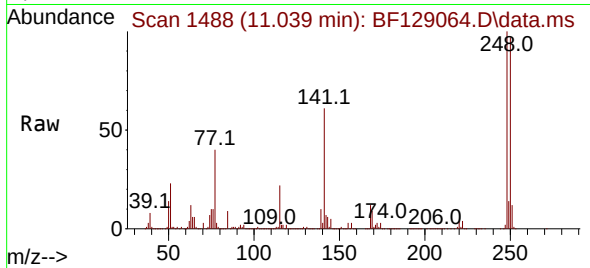




#67
4-Bromophenyl-phenylether
Concen: 50.383 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

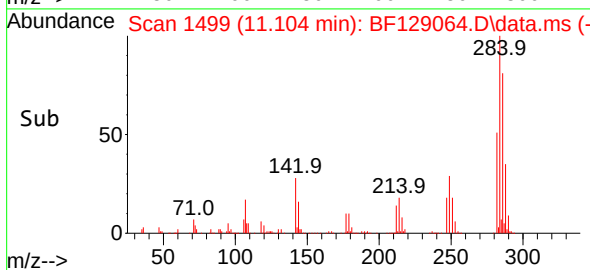
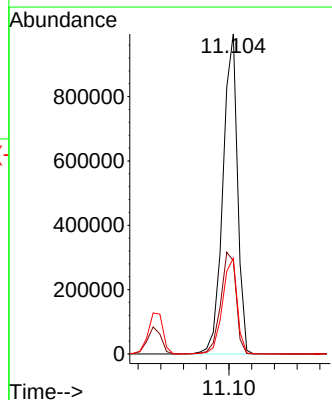
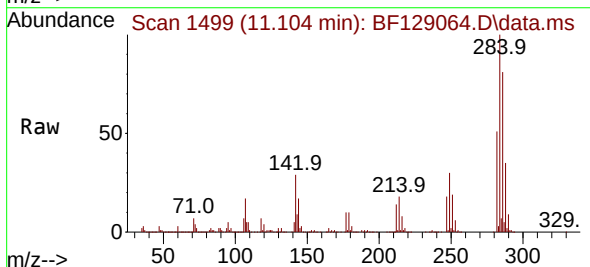
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

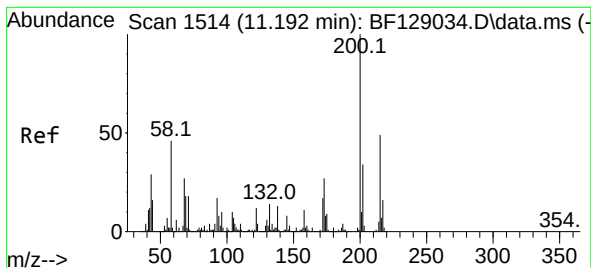
Tgt Ion:248 Resp: 795211
Ion Ratio Lower Upper
248 100
250 97.1 80.6 120.8
141 60.5 58.9 88.3



#68
Hexachlorobenzene
Concen: 50.672 ng
RT: 11.104 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:284 Resp: 890554
Ion Ratio Lower Upper
284 100
142 29.1 29.0 43.4
249 29.9 25.0 37.6





#69

Atrazine

Concen: 59.279 ng

RT: 11.192 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

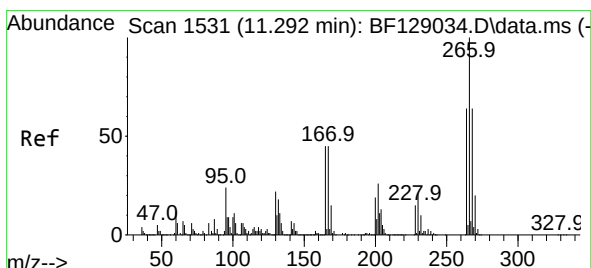
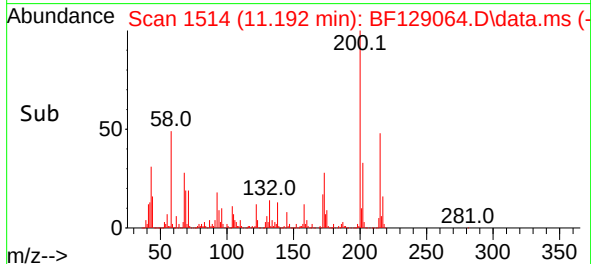
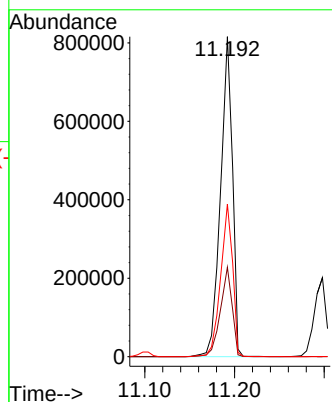
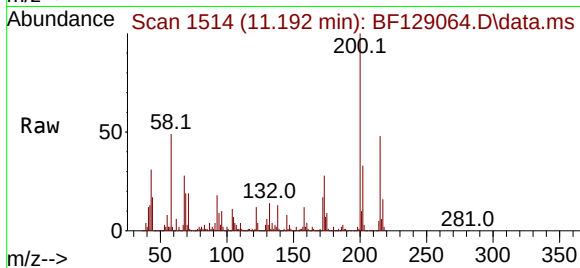
Tgt Ion:200 Resp: 751672

Ion Ratio Lower Upper

200 100

173 27.9 6.3 46.3

215 47.7 28.3 68.3



#70

Pentachlorophenol

Concen: 99.580 ng

RT: 11.298 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

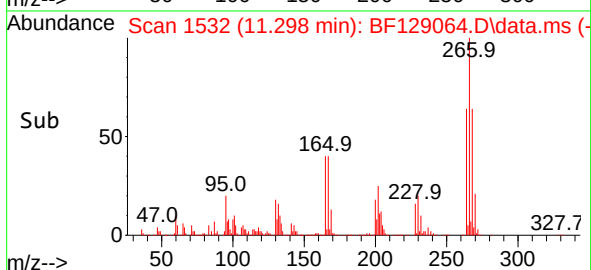
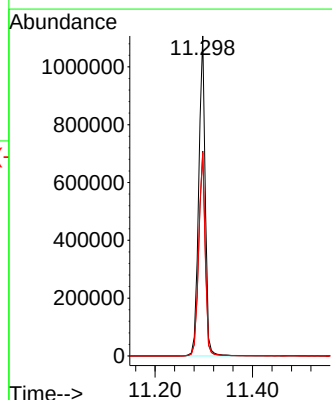
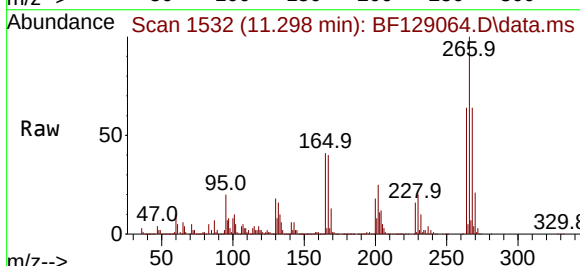
Tgt Ion:266 Resp: 1042399

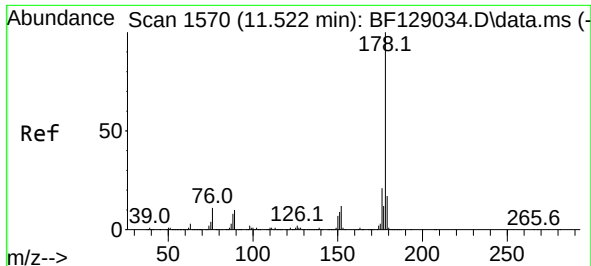
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.4

264 63.5 49.4 74.2

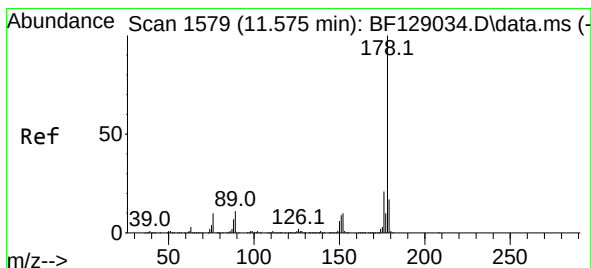
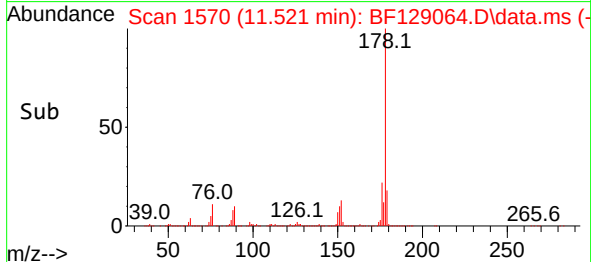
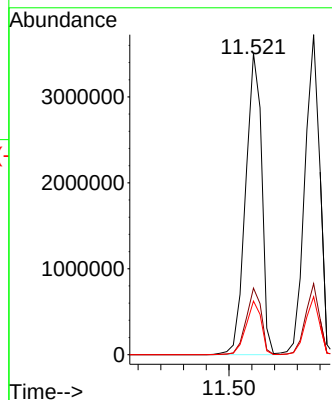
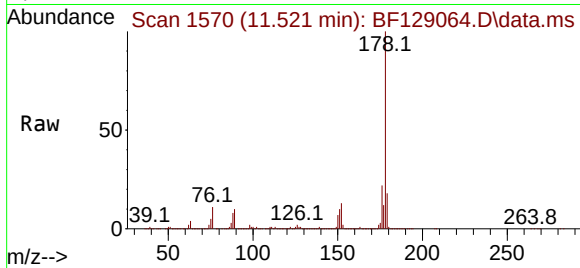




#71
Phenanthrene
Concen: 48.728 ng
RT: 11.521 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

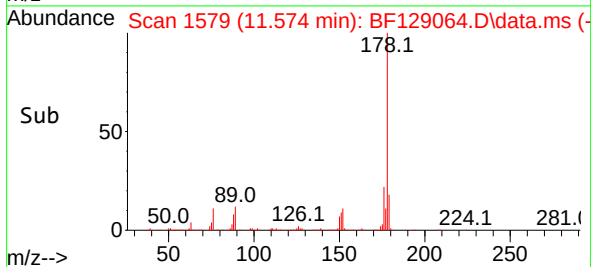
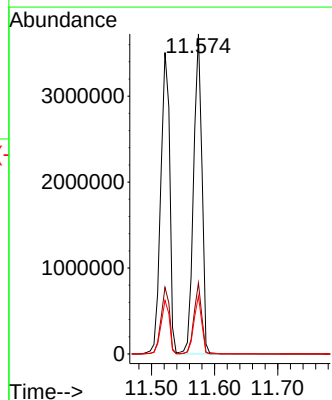
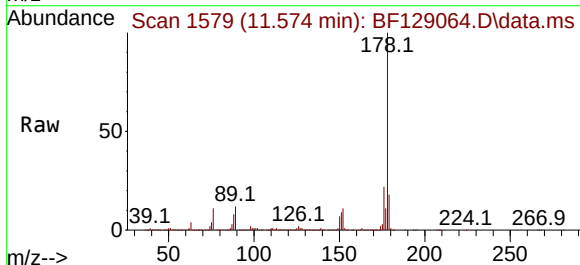
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

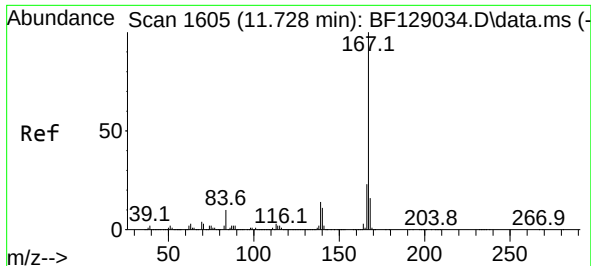
Tgt Ion:178 Resp: 3454467
Ion Ratio Lower Upper
178 100
176 22.1 16.0 24.0
179 17.8 12.6 19.0



#72
Anthracene
Concen: 48.973 ng
RT: 11.574 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:178 Resp: 3423048
Ion Ratio Lower Upper
178 100
176 22.2 15.4 23.2
179 18.1 12.6 19.0

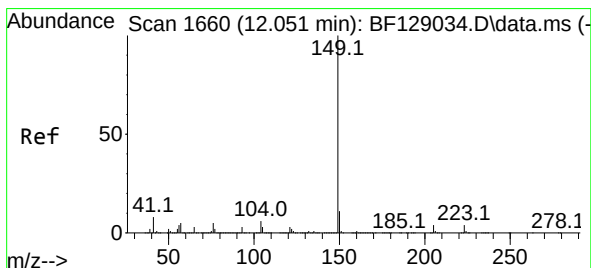
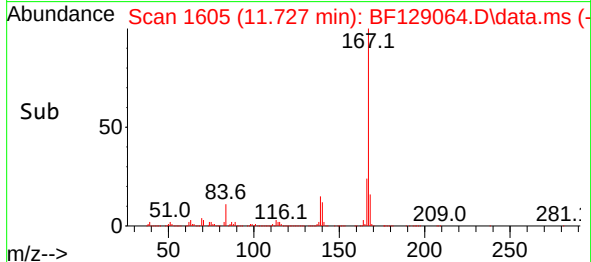
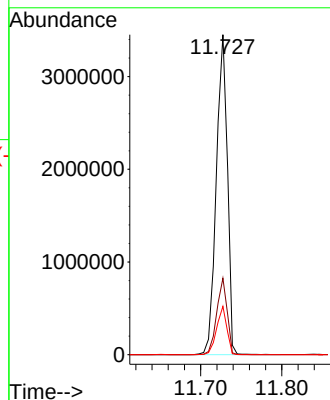
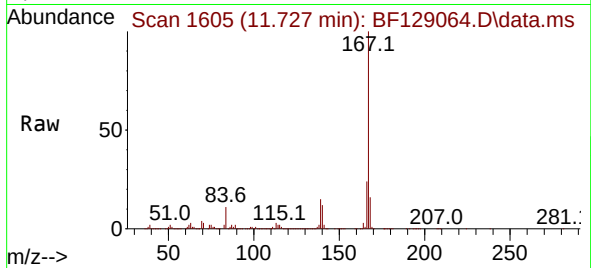




#73
 Carbazole
 Concen: 46.656 ng
 RT: 11.727 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF129064.D
 Acq: 30 Jun 2022 17:57

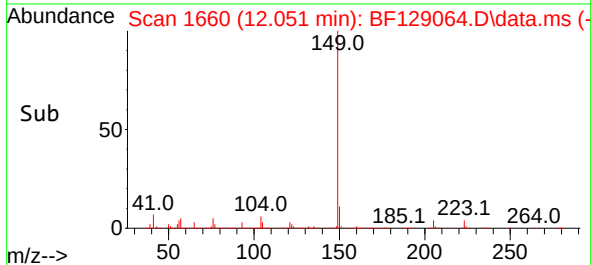
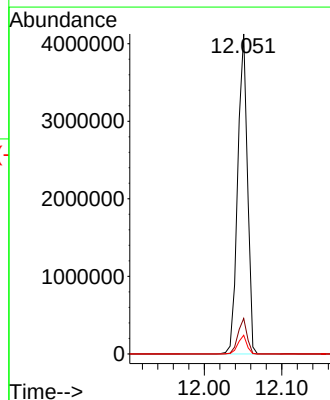
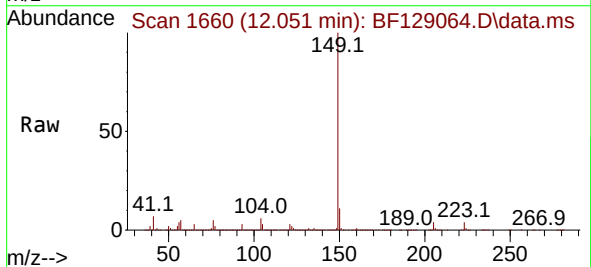
Instrument :
 BNA_F
 ClientSampleId :
 B2208-28MS

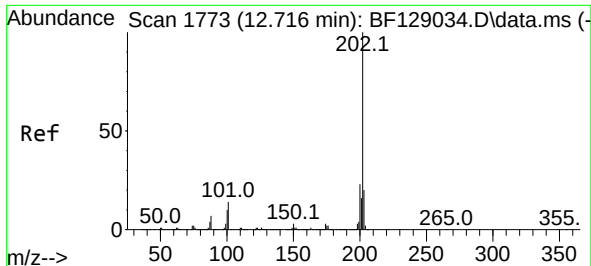
Tgt Ion:167 Resp: 3267692
 Ion Ratio Lower Upper
 167 100
 166 23.9 17.7 26.5
 139 15.1 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 48.914 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF129064.D
 Acq: 30 Jun 2022 17:57

Tgt Ion:149 Resp: 3612106
 Ion Ratio Lower Upper
 149 100
 150 11.1 7.5 11.3
 104 5.9 4.4 6.6

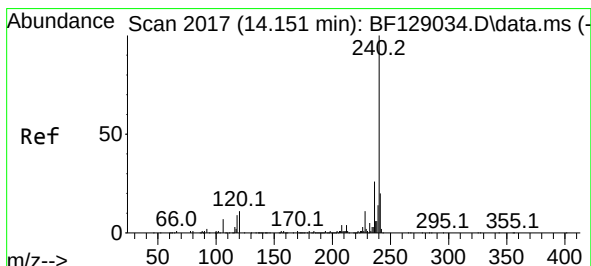
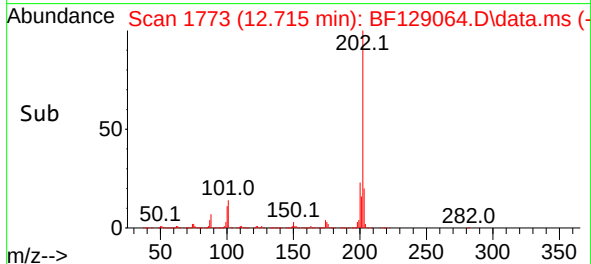
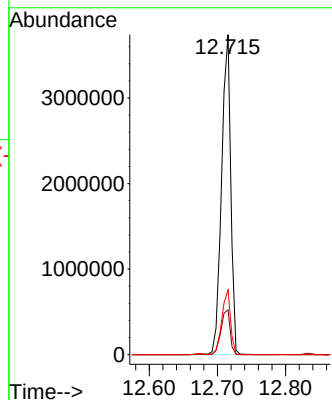
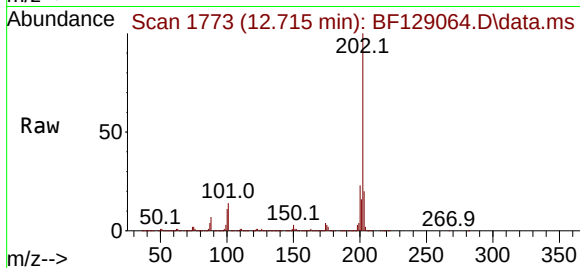




#75
Fluoranthene
Concen: 47.380 ng
RT: 12.715 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

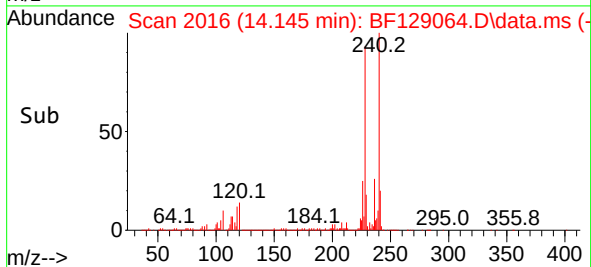
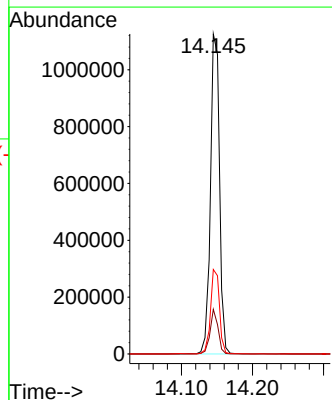
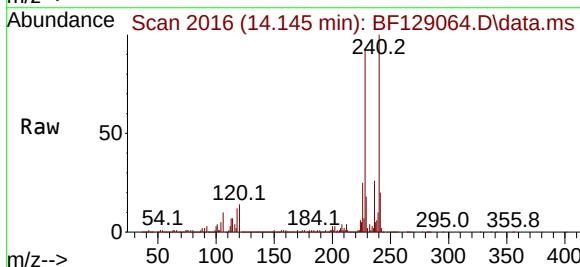
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

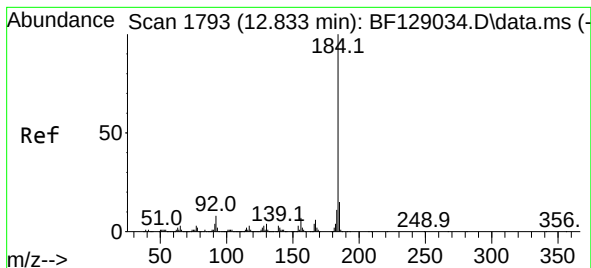
Tgt Ion:202 Resp: 3512849
Ion Ratio Lower Upper
202 100
101 14.0 0.0 31.4
203 20.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:240 Resp: 1001300
Ion Ratio Lower Upper
240 100
120 13.9 8.9 13.3#
236 26.4 20.8 31.2





#77

Benzidine

Concen: 113.815 ng

RT: 12.833 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

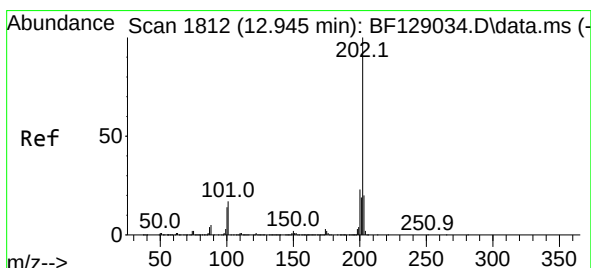
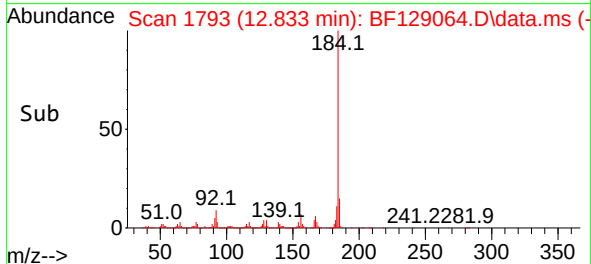
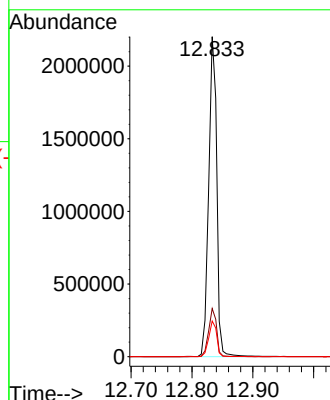
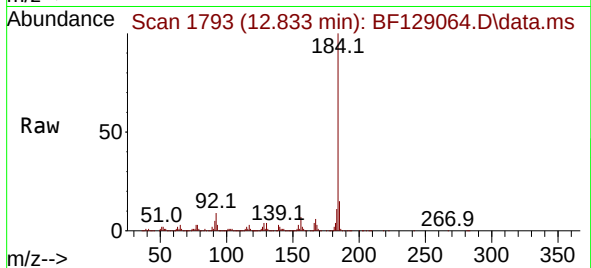
Tgt Ion:184 Resp: 2029269

Ion Ratio Lower Upper

184 100

185 15.1 11.9 17.9

183 11.1 9.3 13.9



#78

Pyrene

Concen: 52.487 ng

RT: 12.945 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

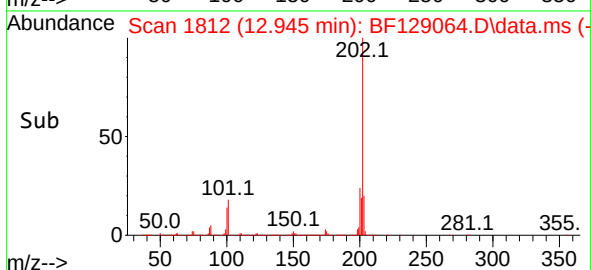
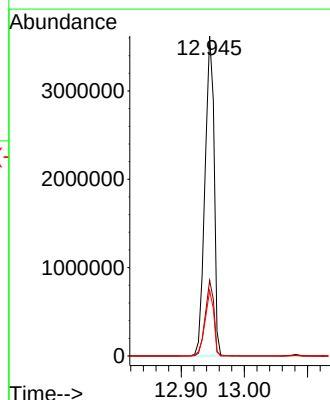
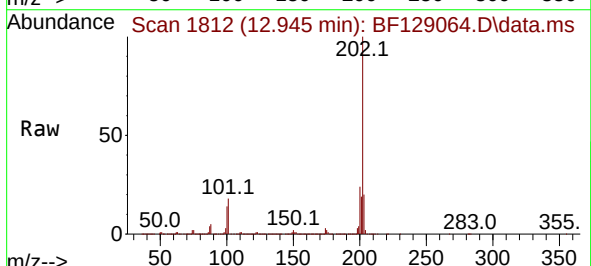
Tgt Ion:202 Resp: 3642887

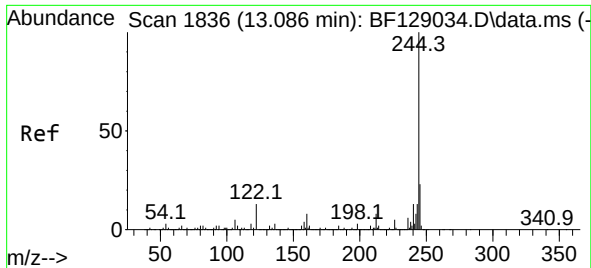
Ion Ratio Lower Upper

202 100

200 23.7 17.7 26.5

203 20.4 14.6 21.8

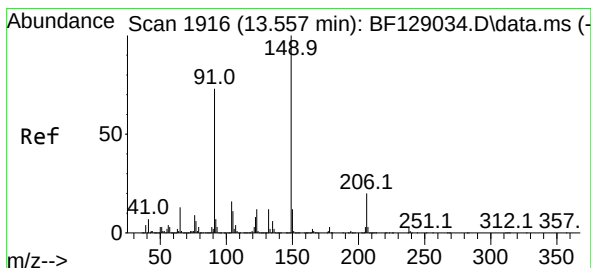
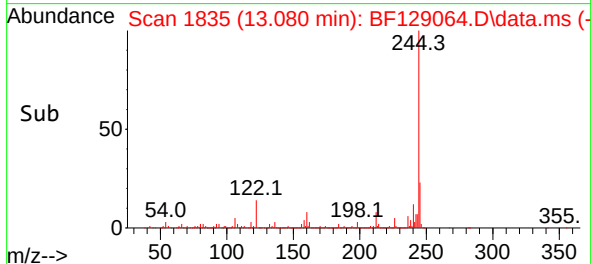
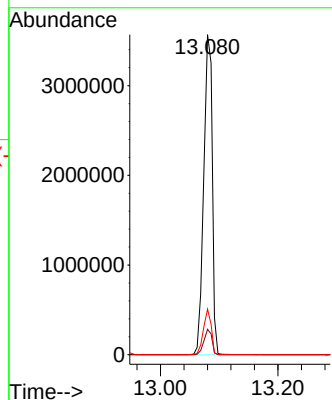
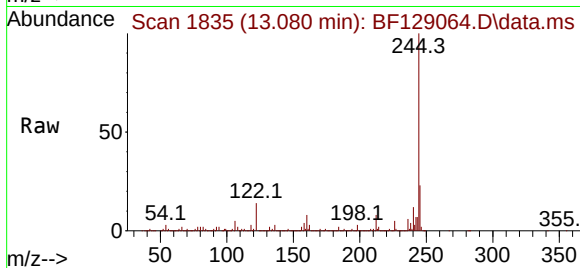




#79
 Terphenyl-d14
 Concen: 74.819 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129064.D
 Acq: 30 Jun 2022 17:57

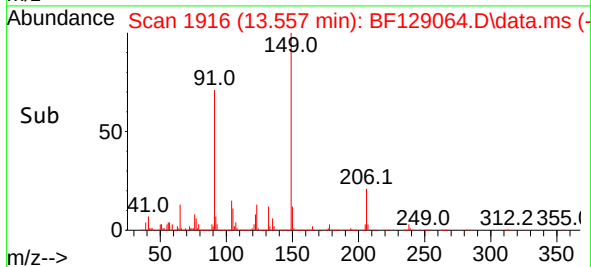
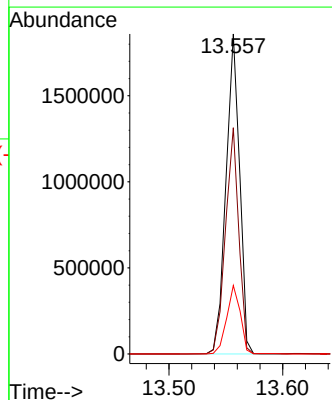
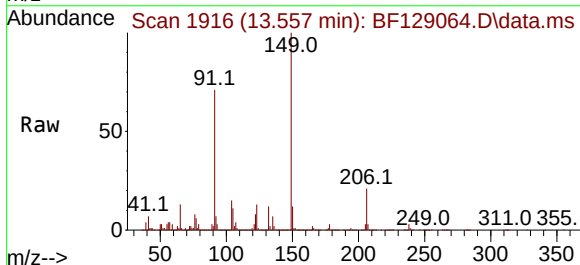
Instrument :
 BNA_F
 ClientSampleId :
 B2208-28MS

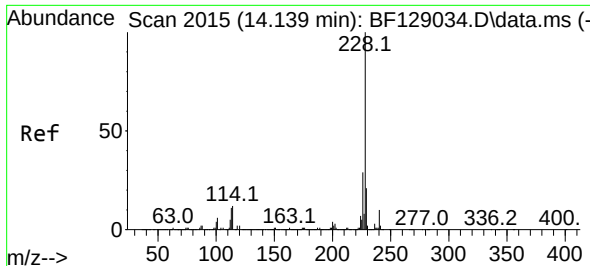
Tgt Ion:244 Resp: 3607608
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 14.2 8.8 13.2#



#80
 Butylbenzylphthalate
 Concen: 54.755 ng
 RT: 13.557 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF129064.D
 Acq: 30 Jun 2022 17:57

Tgt Ion:149 Resp: 1548203
 Ion Ratio Lower Upper
 149 100
 91 70.7 61.2 91.8
 206 21.4 15.7 23.5

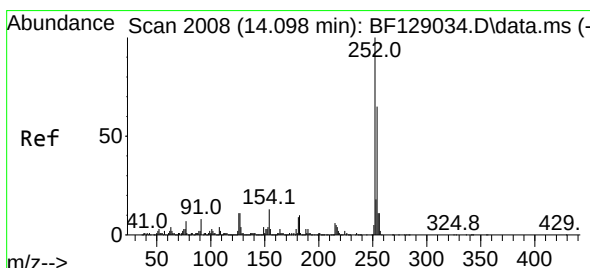
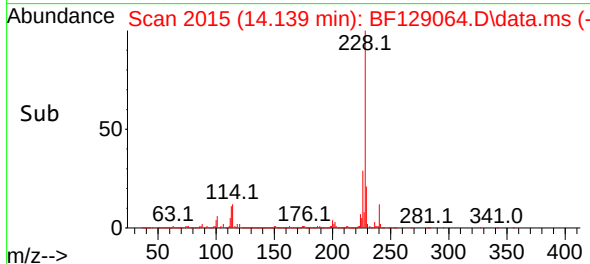
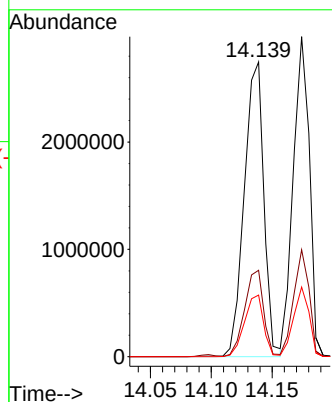
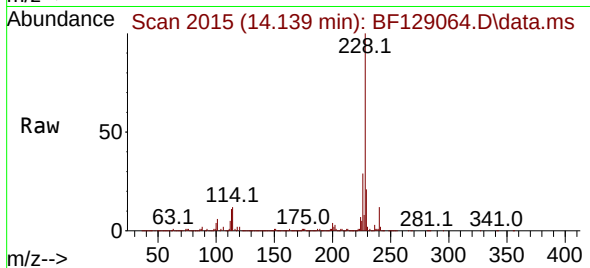




#81
Benzo(a)anthracene
Concen: 50.367 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

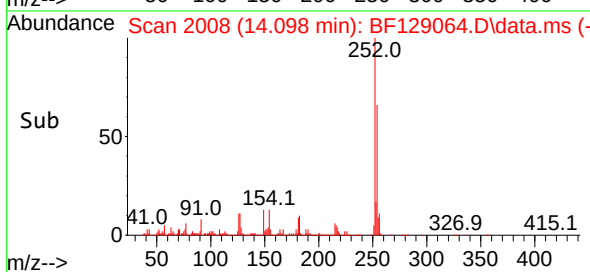
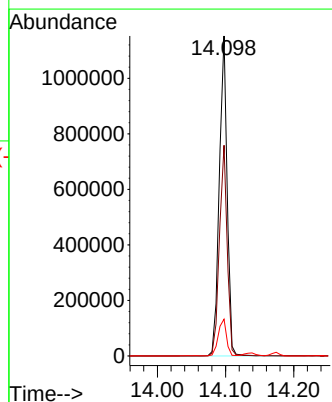
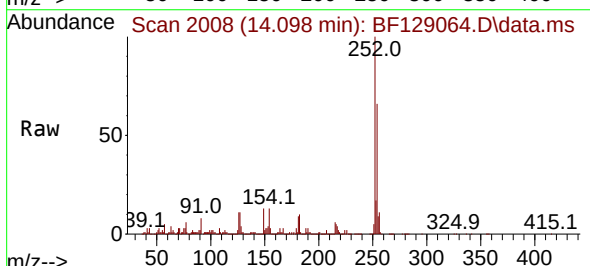
Instrument :
BNA_F
ClientSampleId :
B2208-28MS

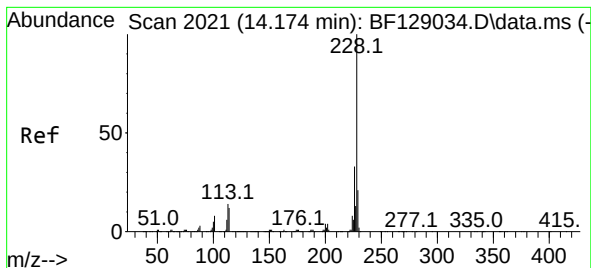
Tgt Ion:228 Resp: 3079290
Ion Ratio Lower Upper
228 100
226 29.3 22.1 33.1
229 20.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 70.008 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:252 Resp: 924823
Ion Ratio Lower Upper
252 100
254 65.8 50.2 75.4
126 11.5 8.2 12.4





#83

Chrysene

Concen: 48.805 ng

RT: 14.174 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

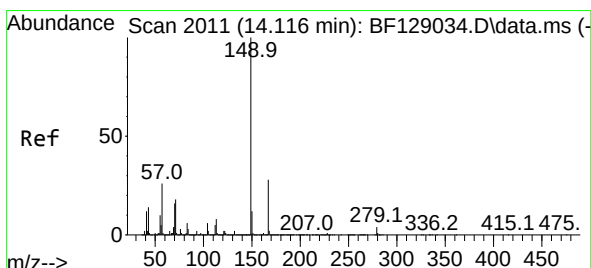
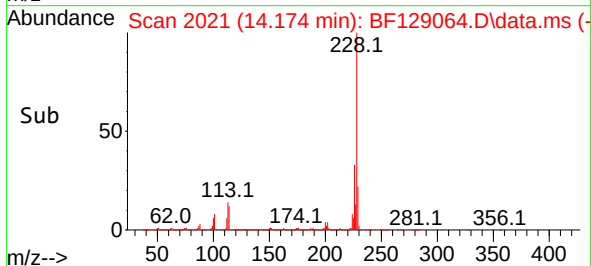
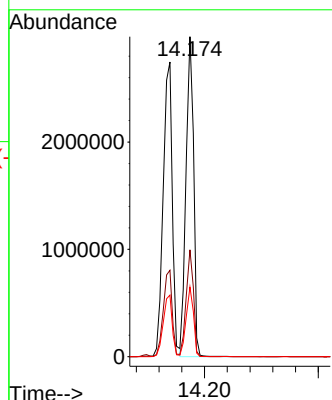
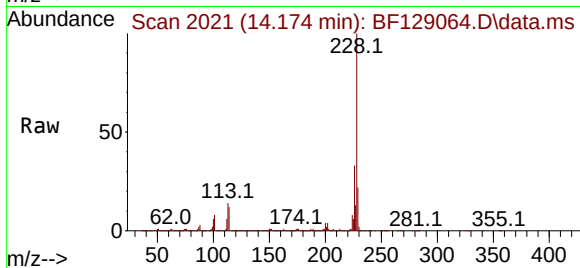
Tgt Ion:228 Resp: 2770072

Ion Ratio Lower Upper

228 100

226 33.4 24.3 36.5

229 21.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.222 ng

RT: 14.110 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

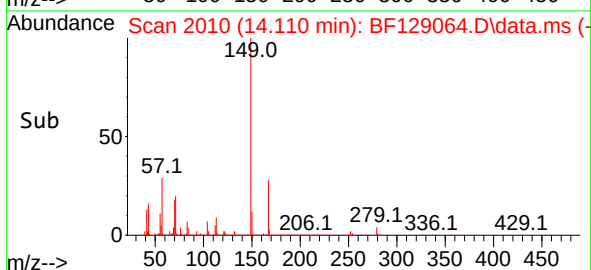
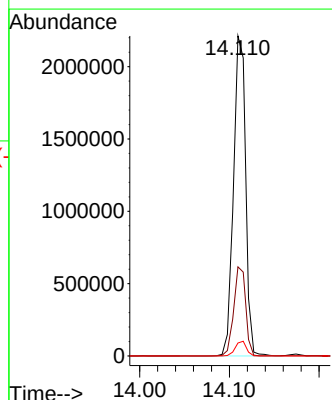
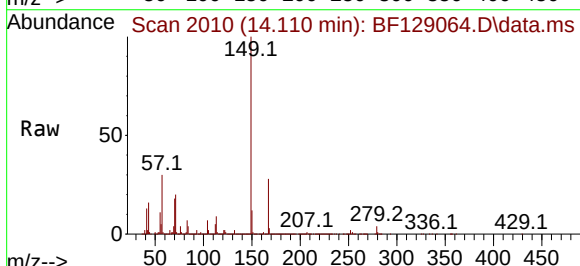
Tgt Ion:149 Resp: 2075089

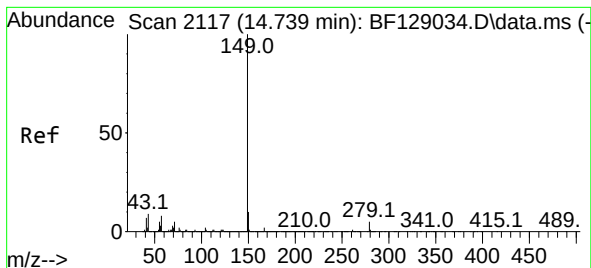
Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.4

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 51.729 ng

RT: 14.733 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

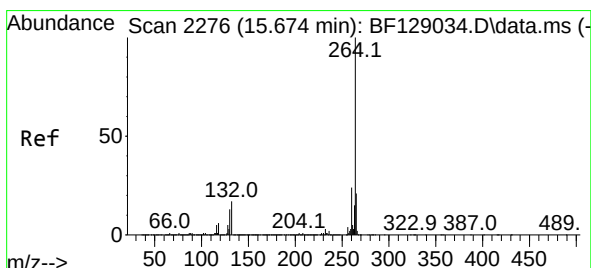
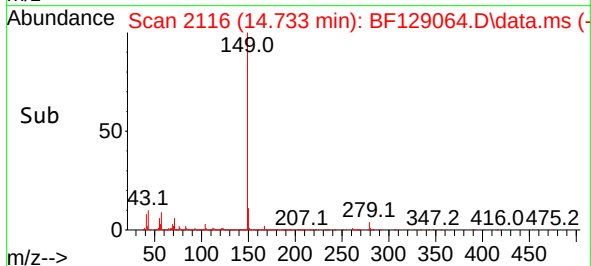
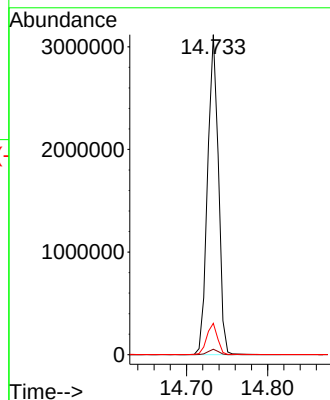
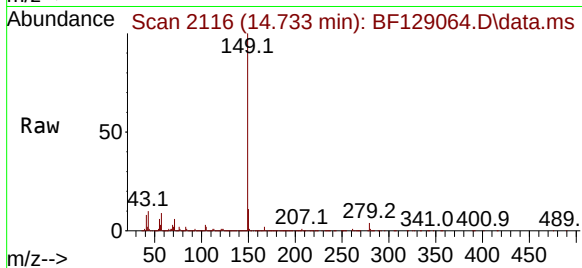
Tgt Ion:149 Resp: 2869480

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.7 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.668 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

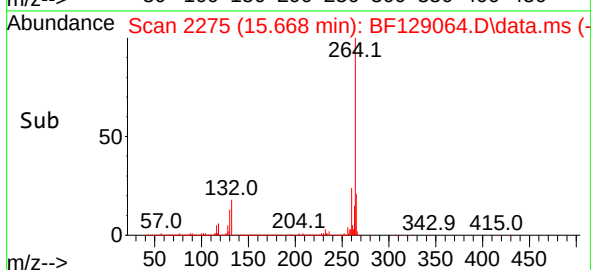
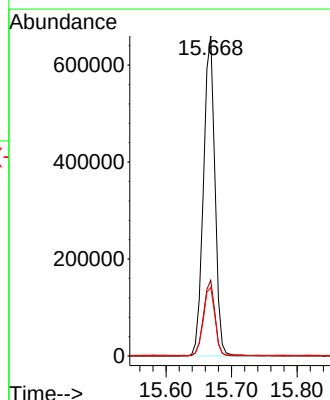
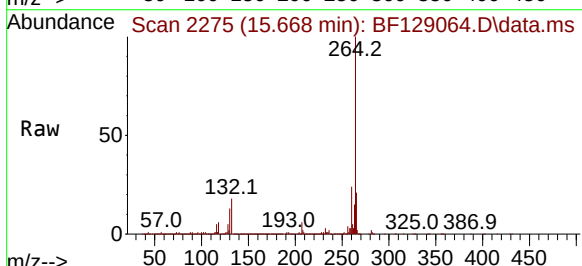
Tgt Ion:264 Resp: 805040

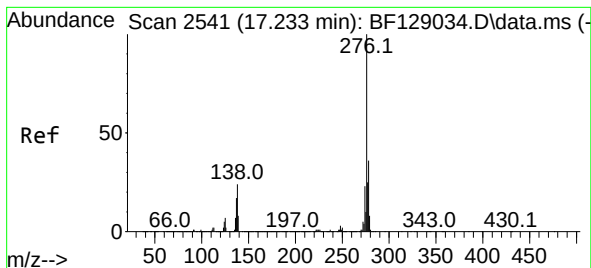
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.904 ng

RT: 17.233 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

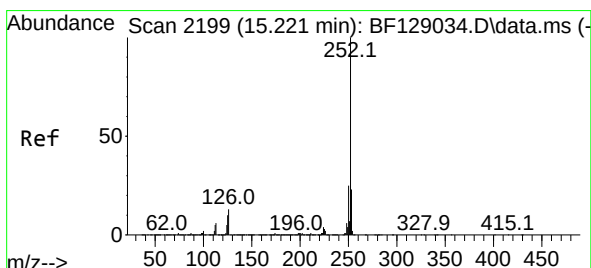
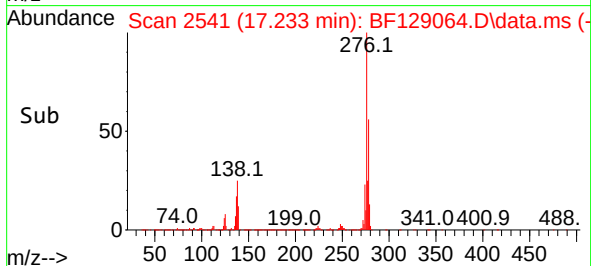
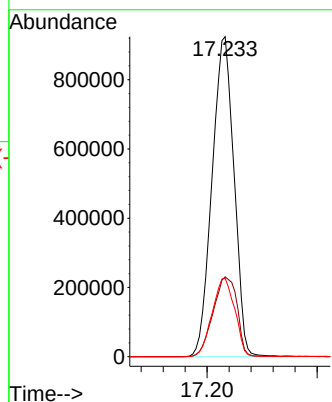
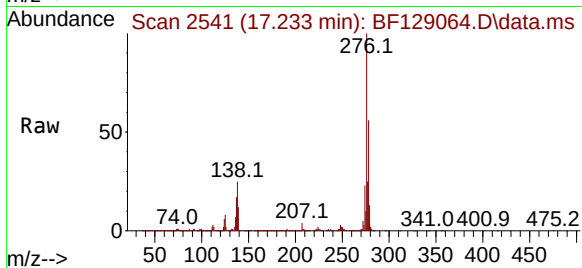
Tgt Ion:276 Resp: 2562752

Ion Ratio Lower Upper

276 100

138 27.3 21.1 31.7

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 55.719 ng

RT: 15.215 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

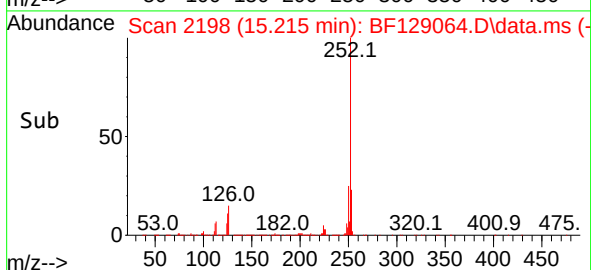
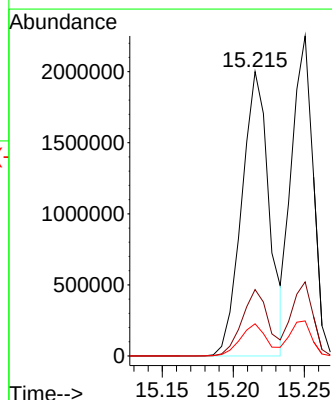
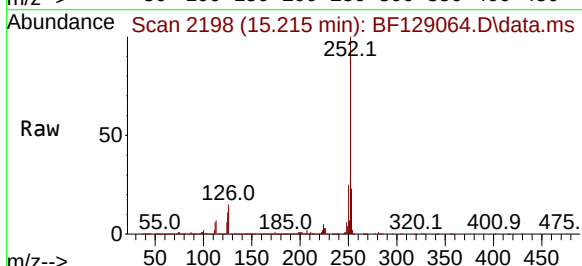
Tgt Ion:252 Resp: 2697658

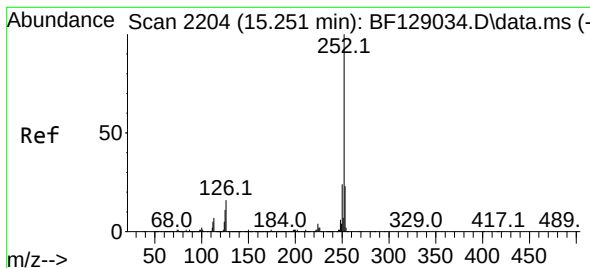
Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 11.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 50.589 ng

RT: 15.251 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

Instrument :

BNA_F

ClientSampleId :

B2208-28MS

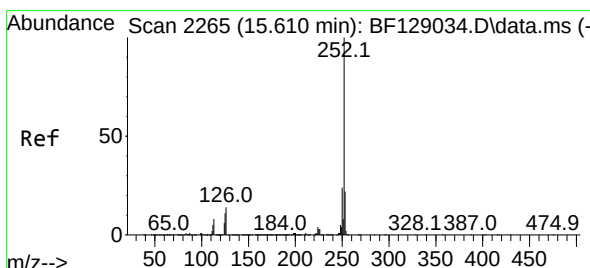
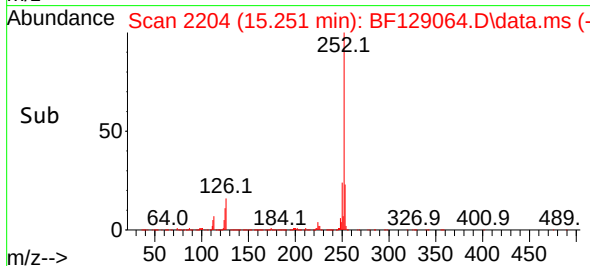
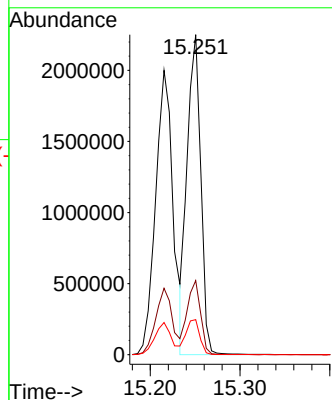
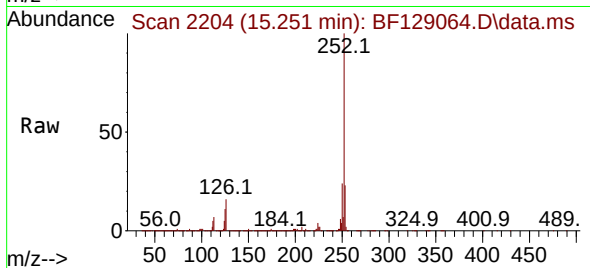
Tgt Ion:252 Resp: 2375595

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 10.9 8.3 12.5



#90

Benzo(a)pyrene

Concen: 55.937 ng

RT: 15.604 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF129064.D

Acq: 30 Jun 2022 17:57

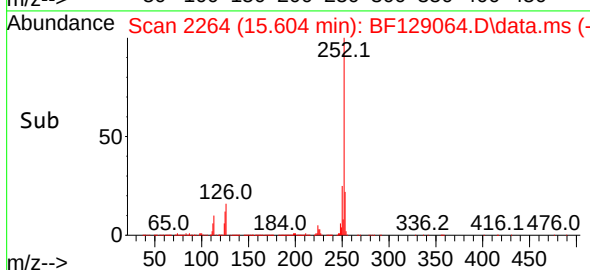
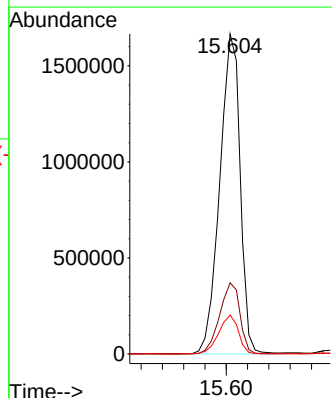
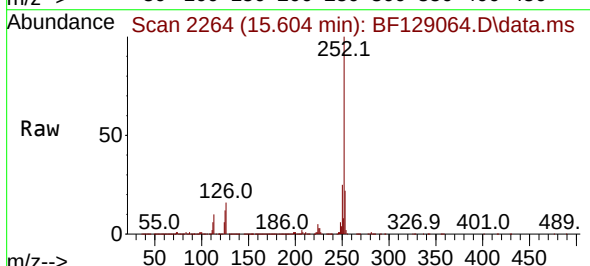
Tgt Ion:252 Resp: 2207727

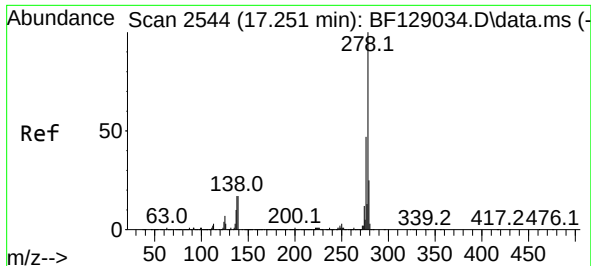
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 12.2 8.8 13.2

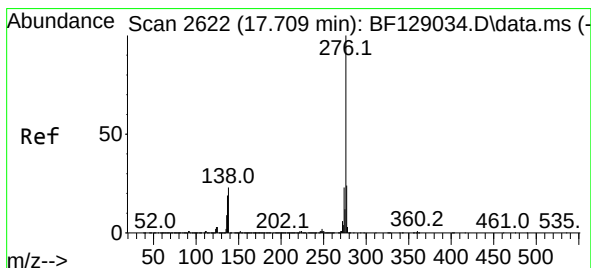
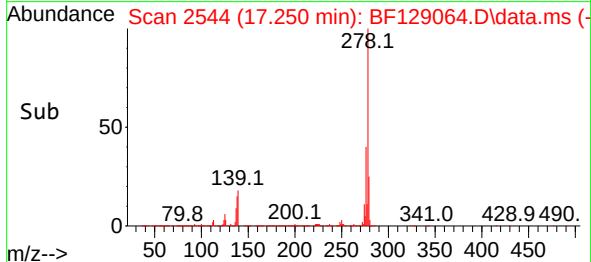
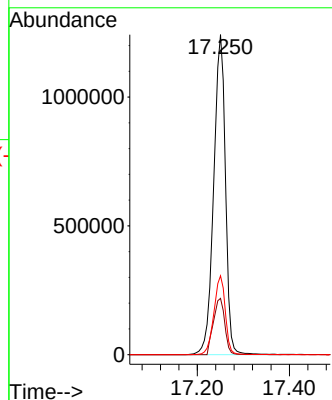
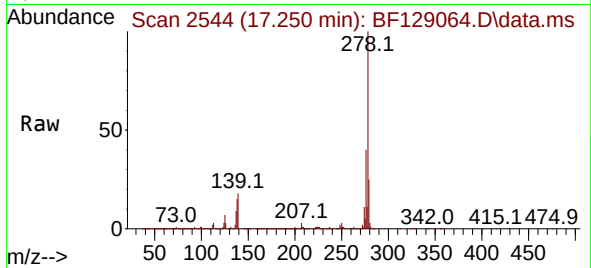




#91
Dibenzo(a,h)anthracene
Concen: 54.711 ng
RT: 17.250 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Instrument :
BNA_F
ClientSampleId :
B2208-28MS

Tgt Ion:278 Resp: 2202113
Ion Ratio Lower Upper
278 100
139 17.6 12.8 19.2
279 24.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 54.881 ng
RT: 17.709 min Scan# 2622
Delta R.T. -0.000 min
Lab File: BF129064.D
Acq: 30 Jun 2022 17:57

Tgt Ion:276 Resp: 2216228
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 23.4 18.0 27.0

