

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129051.D
 Acq On : 30 Jun 2022 11:27
 Operator : CG\JU
 Sample : PB145806BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145806BS

Quant Time: Jul 01 05:41:02 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	466980	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	1799547	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	929651	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	1644772	20.000	ng	0.00
76) Chrysene-d12	14.151	240	1113498	20.000	ng	0.00
86) Perylene-d12	15.668	264	903254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2906215	105.215	ng	0.01
7) Phenol-d6	6.587	99	3651424	106.439	ng	0.00
23) Nitrobenzene-d5	7.528	82	2308827	76.527	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	1141171	112.891	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	4001569	68.861	ng	0.00
79) Terphenyl-d14	13.086	244	4333417	80.817	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	366732	29.780	ng	88
3) Pyridine	3.716	79	920193	30.598	ng	86
4) n-Nitrosodimethylamine	3.634	42	545898	40.065	ng	# 79
6) Aniline	6.628	93	1411733	36.796	ng	97
8) 2-Chlorophenol	6.745	128	1232108	42.457	ng	96
9) Benzaldehyde	6.510	77	209639	9.685	ng	98
10) Phenol	6.604	94	1544790	44.445	ng	87
11) bis(2-Chloroethyl)ether	6.692	93	1169968	42.528	ng	93
12) 1,3-Dichlorobenzene	6.898	146	1285428	40.238	ng	98
13) 1,4-Dichlorobenzene	6.975	146	1304205	40.476	ng	100
14) 1,2-Dichlorobenzene	7.128	146	1251619	41.321	ng	99
15) Benzyl Alcohol	7.104	79	983293	40.749	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1598433	40.681	ng	92
17) 2-Methylphenol	7.204	107	988914	41.877	ng	97
18) Hexachloroethane	7.475	117	472427	41.762	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	823936	41.519	ng	88
20) 3+4-Methylphenols	7.357	107	1227355	40.871	ng	# 87
22) Acetophenone	7.375	105	1636228	39.636	ng	# 91
24) Nitrobenzene	7.545	77	1231749	42.195	ng	92
25) Isophorone	7.786	82	2249782	44.123	ng	97
26) 2-Nitrophenol	7.857	139	636722	46.932	ng	88
27) 2,4-Dimethylphenol	7.892	122	1149264	46.921	ng	95
28) bis(2-Chloroethoxy)met...	7.986	93	1399616	39.969	ng	99
29) 2,4-Dichlorophenol	8.098	162	1010785	40.459	ng	96
30) 1,2,4-Trichlorobenzene	8.181	180	1076038	39.141	ng	96
31) Naphthalene	8.269	128	3288613	40.255	ng	97
32) Benzoic acid	8.016	122	799168	40.667	ng	96
33) 4-Chloroaniline	8.310	127	904973	27.491	ng	97
34) Hexachlorobutadiene	8.381	225	644683	39.273	ng	100
35) Caprolactam	8.698	113	167322	21.121	ng	# 76
36) 4-Chloro-3-methylphenol	8.792	107	1036405	40.831	ng	89
37) 2-Methylnaphthalene	8.957	142	2231280	40.590	ng	99
38) 1-Methylnaphthalene	9.057	142	2140149	40.089	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	1039379	39.776	ng	99
41) Hexachlorocyclopentadiene	9.110	237	1329593	96.394	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	725063	40.736	ng	97

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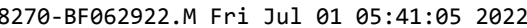
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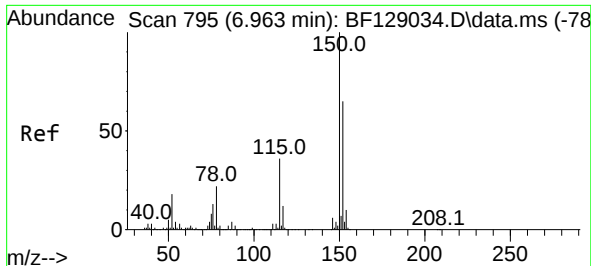
Quant Time: Jul 01 05:41:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	758970	40.089	ng	98
46) 1,1'-Biphenyl	9.422	154	2683661	40.153	ng	96
47) 2-Chloronaphthalene	9.451	162	2063819	39.987	ng	97
48) 2-Nitroaniline	9.545	65	607913	44.720	ng	# 81
49) Acenaphthylene	9.869	152	3308153	42.182	ng	96
50) Dimethylphthalate	9.722	163	2342777	40.282	ng	98
51) 2,6-Dinitrotoluene	9.786	165	547725	46.088	ng	89
52) Acenaphthene	10.039	154	2280273	44.638	ng	99
53) 3-Nitroaniline	9.957	138	466960	32.949	ng	# 89
54) 2,4-Dinitrophenol	10.063	184	570365	87.996	ng	# 79
55) Dibenzofuran	10.210	168	2917673	39.224	ng	96
56) 4-Nitrophenol	10.116	139	977784	84.440	ng	92
57) 2,4-Dinitrotoluene	10.192	165	708679	48.302	ng	# 85
58) Fluorene	10.557	166	2300886	39.989	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.327	232	635711	40.530	ng	100
60) Diethylphthalate	10.422	149	2353503	40.385	ng	98
61) 4-Chlorophenyl-phenyle...	10.545	204	1132320	39.498	ng	99
62) 4-Nitroaniline	10.580	138	586855	41.758	ng	86
63) Azobenzene	10.704	77	2256663	39.524	ng	94
65) 4,6-Dinitro-2-methylph...	10.598	198	333075	45.773	ng	84
66) n-Nitrosodiphenylamine	10.663	169	2068430	41.408	ng	95
67) 4-Bromophenyl-phenylether	11.033	248	726194	41.506	ng	96
68) Hexachlorobenzene	11.104	284	799129	41.019	ng	# 91
69) Atrazine	11.192	200	640336	45.555	ng	97
70) Pentachlorophenol	11.298	266	985773	84.952	ng	99
71) Phenanthrene	11.522	178	3136996	39.918	ng	95
72) Anthracene	11.574	178	3203700	41.348	ng	95
73) Carbazole	11.727	167	3019441	38.891	ng	97
74) Di-n-butylphthalate	12.051	149	3330991	40.691	ng	97
75) Fluoranthene	12.716	202	3313659	40.318	ng	95
77) Benzidine	12.833	184	1205228	60.786	ng	99
78) Pyrene	12.945	202	3351189	43.419	ng	97
80) Butylbenzylphthalate	13.557	149	1387929	44.141	ng	95
81) Benzo(a)anthracene	14.139	228	2852893	41.962	ng	97
82) 3,3'-Dichlorobenzidine	14.098	252	760373	51.759	ng	97
83) Chrysene	14.174	228	2558033	40.528	ng	96
84) Bis(2-ethylhexyl)phtha...	14.115	149	1850969	44.295	ng	# 96
85) Di-n-octyl phthalate	14.733	149	2670425	43.290	ng	96
87) Indeno(1,2,3-cd)pyrene	17.233	276	2382421	43.005	ng	99
88) Benzo(b)fluoranthene	15.215	252	2520687	46.403	ng	98
89) Benzo(k)fluoranthene	15.251	252	2298829	43.631	ng	99
90) Benzo(a)pyrene	15.609	252	2245401	50.705	ng	99
91) Dibenzo(a,h)anthracene	17.251	278	2070191	45.841	ng	97
92) Benzo(g,h,i)perylene	17.709	276	2053913	45.332	ng	100

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

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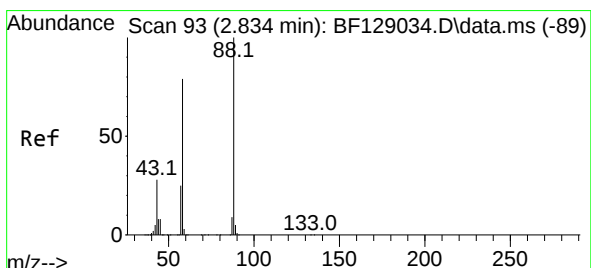
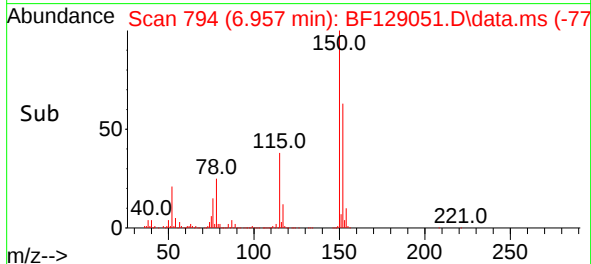
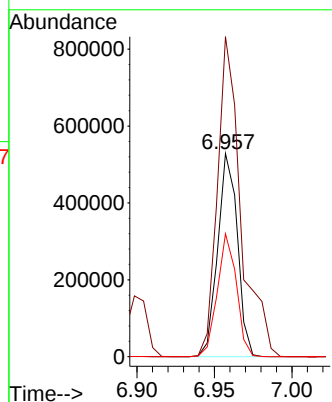
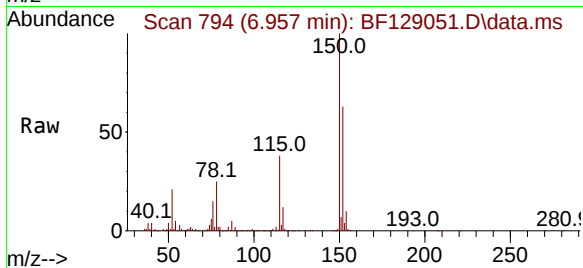




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129051.D
 Acq: 30 Jun 2022 11:27

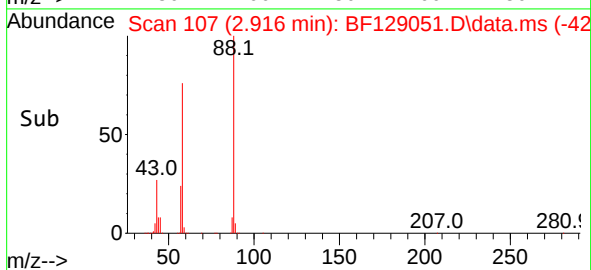
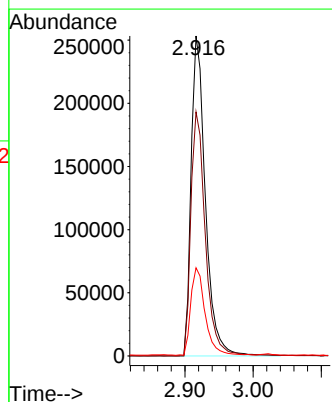
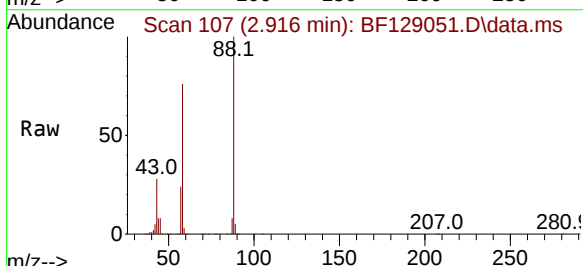
Instrument :
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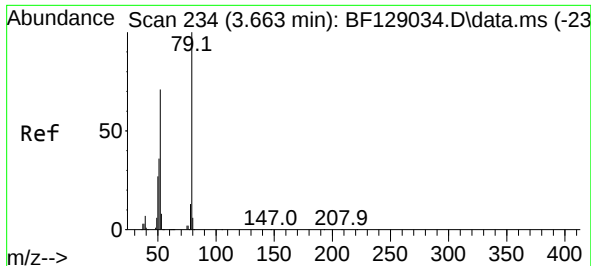
Tgt Ion:152 Resp: 466980
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.7 185.5
 115 60.5 49.9 74.9



#2
 1,4-Dioxane
 Concen: 29.780 ng
 RT: 2.916 min Scan# 107
 Delta R.T. 0.082 min
 Lab File: BF129051.D
 Acq: 30 Jun 2022 11:27

Tgt Ion: 88 Resp: 366732
 Ion Ratio Lower Upper
 88 100
 58 77.5 71.8 107.8
 43 27.5 26.6 39.8

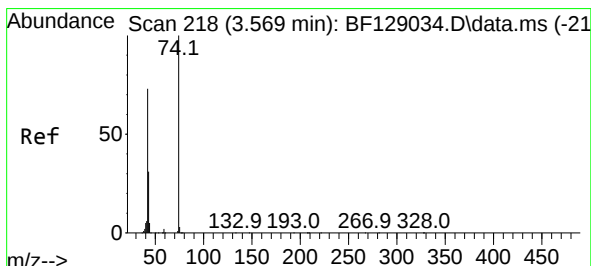
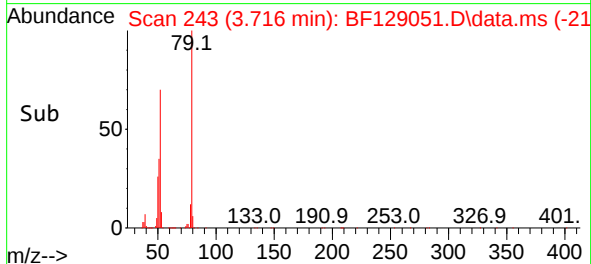
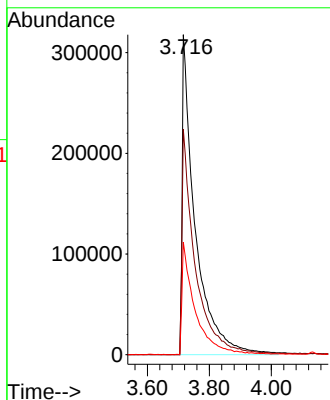
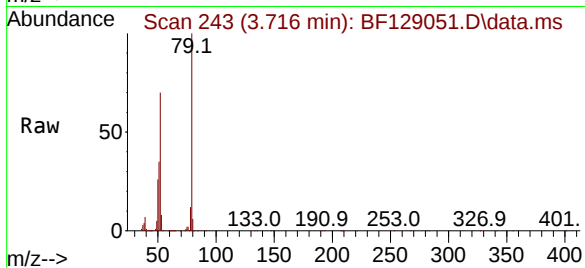




#3
Pyridine
Concen: 30.598 ng
RT: 3.716 min Scan# 24
Delta R.T. 0.053 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

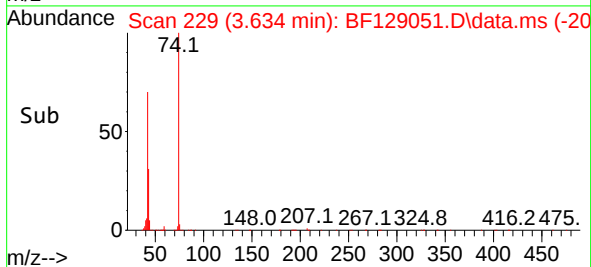
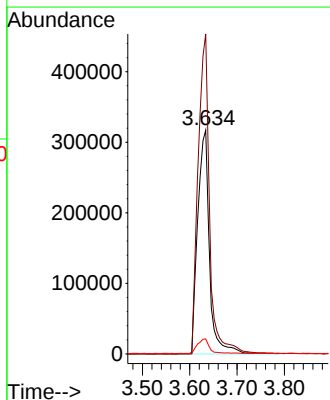
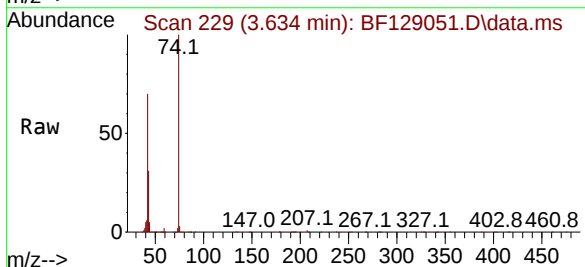
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ClientSampleId :
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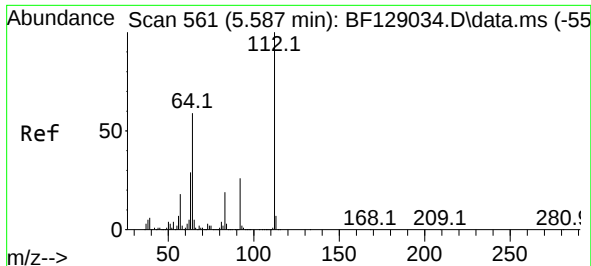
Tgt Ion: 79 Resp: 920193
Ion Ratio Lower Upper
79 100
52 70.4 68.6 102.8
51 35.2 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 40.065 ng
RT: 3.634 min Scan# 229
Delta R.T. 0.065 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion: 42 Resp: 545898
Ion Ratio Lower Upper
42 100
74 142.9 94.8 142.2#
44 6.7 6.6 10.0

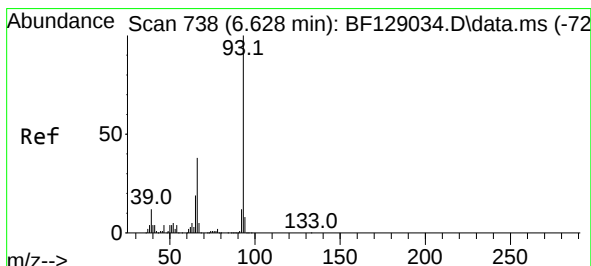
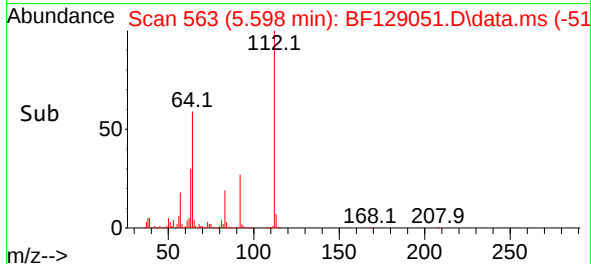
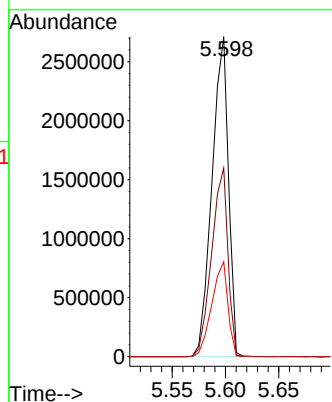
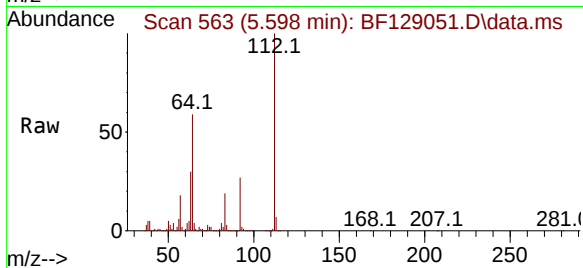




#5
2-Fluorophenol
Concen: 105.215 ng
RT: 5.598 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

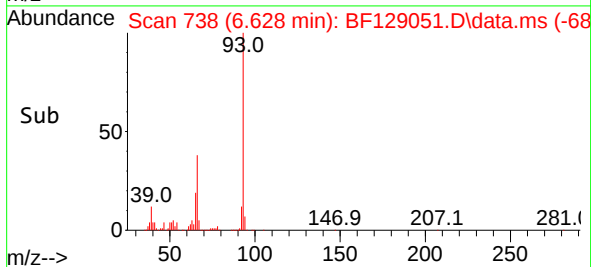
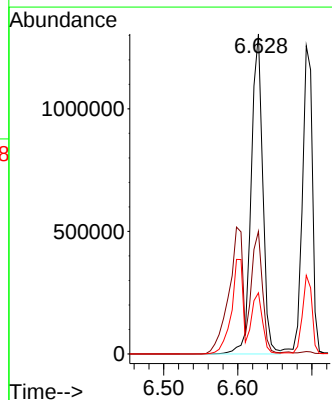
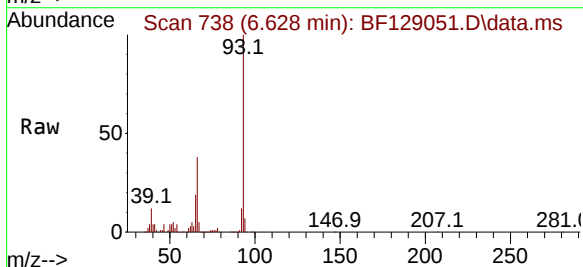
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 2906215
Ion Ratio Lower Upper
112 100
64 58.9 53.3 79.9
63 29.6 28.0 42.0



#6
Aniline
Concen: 36.796 ng
RT: 6.628 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion: 93 Resp: 1411733
Ion Ratio Lower Upper
93 100
66 38.3 32.5 48.7
65 19.1 16.4 24.6



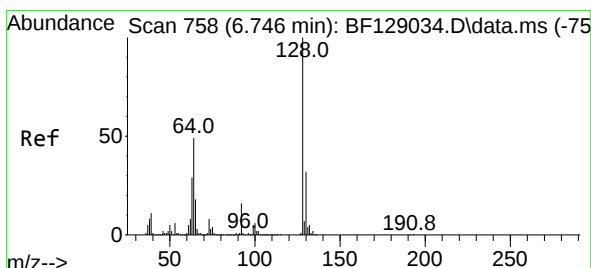
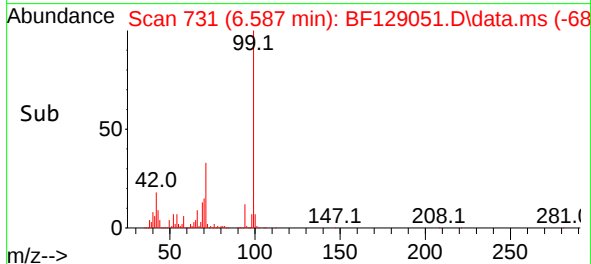
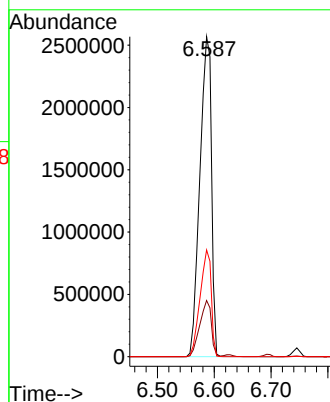
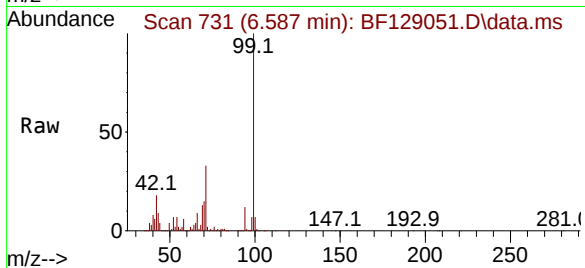


#7
Phenol-d6
Concen: 106.439 ng
RT: 6.587 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Instrument :
BNA_F
ClientSampleId :
PB145806BS

Tgt Ion: 99 Resp: 3651424

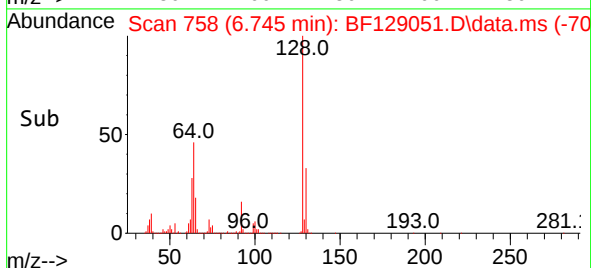
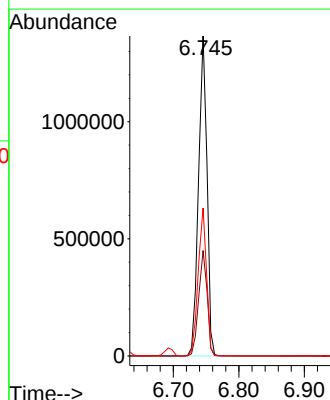
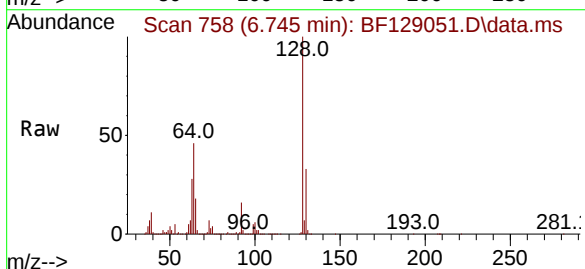
Ion	Ratio	Lower	Upper
99	100		
42	17.5	17.3	25.9
71	33.3	28.9	43.3

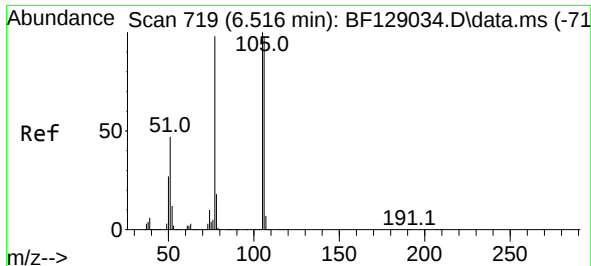


#8
2-Chlorophenol
Concen: 42.457 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:128 Resp: 1232108

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.1	53.1
64	46.2	30.9	70.9

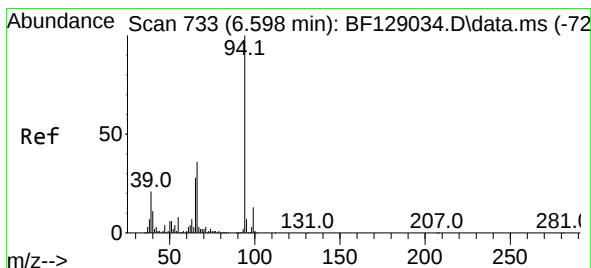
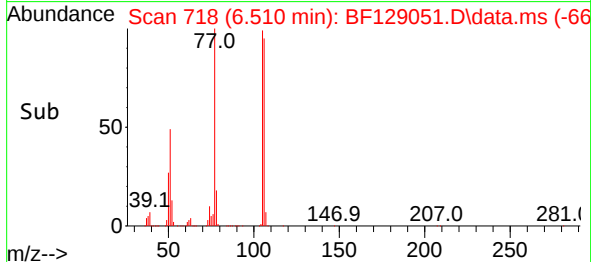
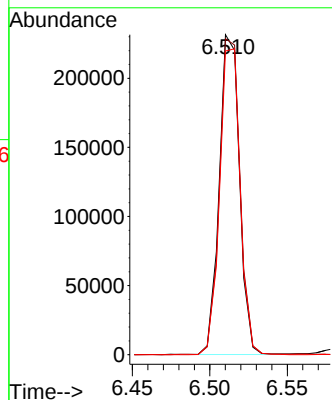
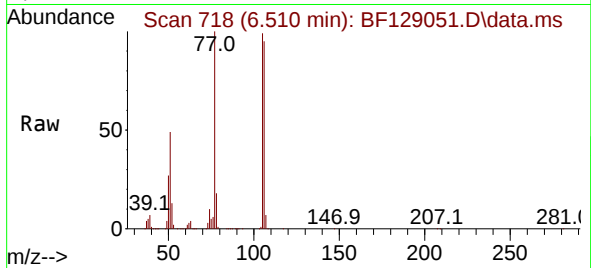




#9
Benzaldehyde
Concen: 9.685 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

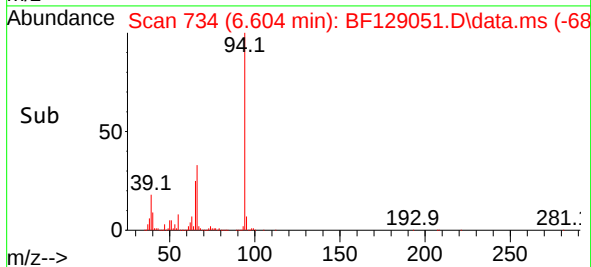
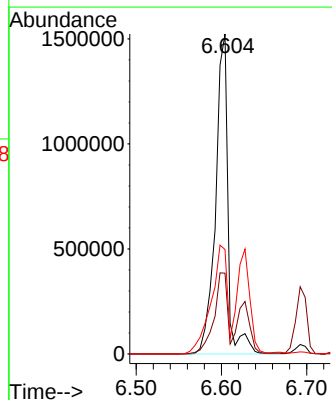
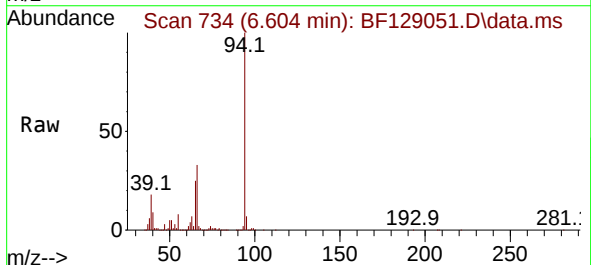
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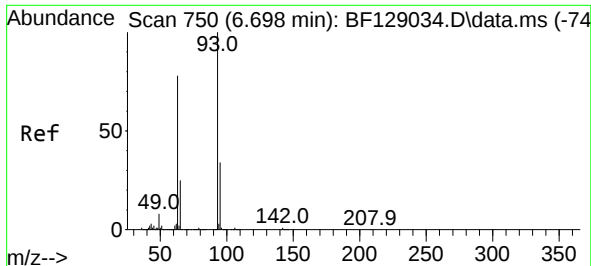
Tgt Ion: 77 Resp: 209639
Ion Ratio Lower Upper
77 100
105 98.8 81.6 121.6
106 94.9 76.1 116.1



#10
Phenol
Concen: 44.445 ng
RT: 6.604 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion: 94 Resp: 1544790
Ion Ratio Lower Upper
94 100
65 25.3 11.4 51.4
66 32.7 21.4 61.4

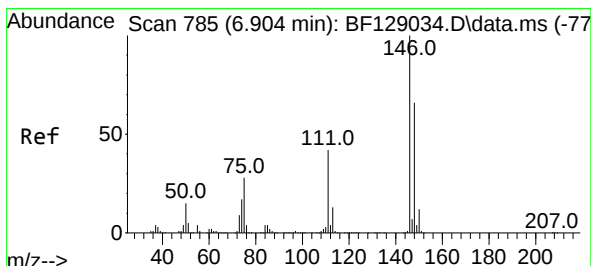
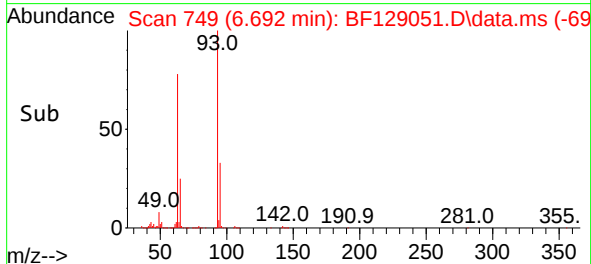
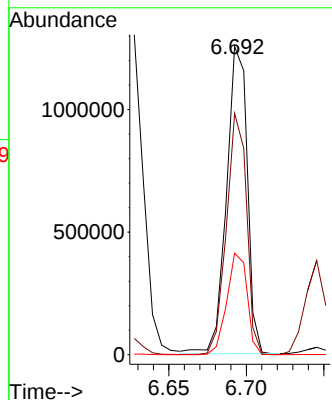
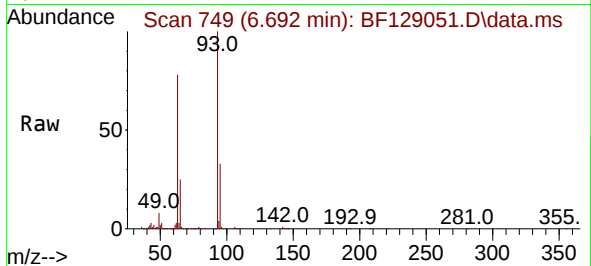




#11
bis(2-Chloroethyl)ether
Concen: 42.528 ng
RT: 6.692 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

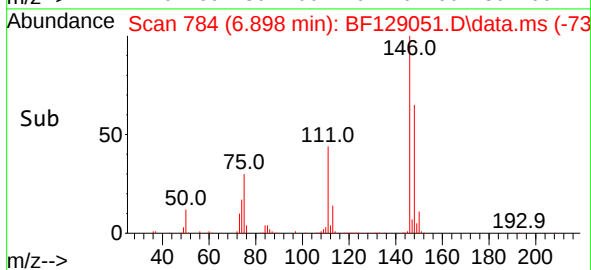
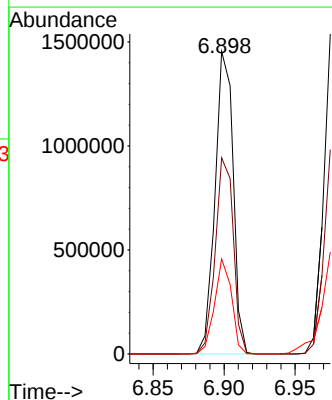
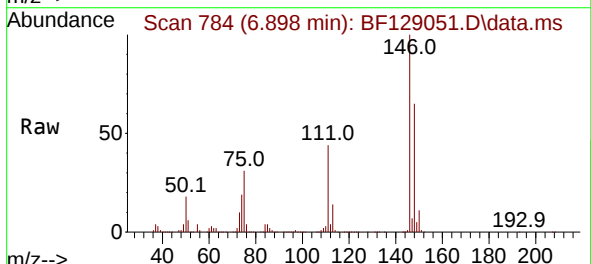
Instrument :
BNA_F
ClientSampleId :
PB145806BS

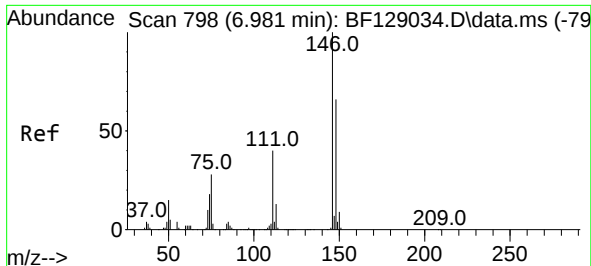
Tgt Ion: 93 Resp: 1169968
Ion Ratio Lower Upper
93 100
63 78.3 67.4 107.4
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.238 ng
RT: 6.898 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:146 Resp: 1285428
Ion Ratio Lower Upper
146 100
148 64.8 50.6 75.8
75 31.4 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 40.476 ng

RT: 6.975 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB145806BS

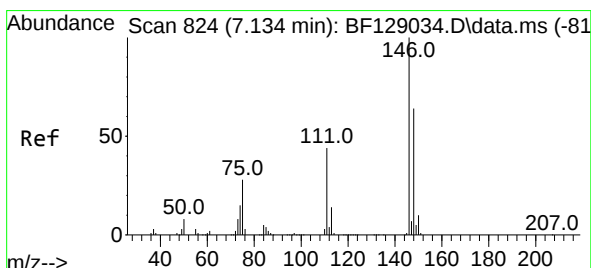
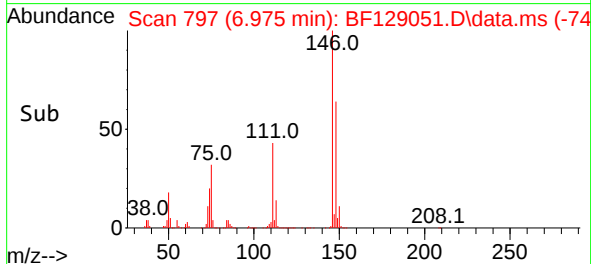
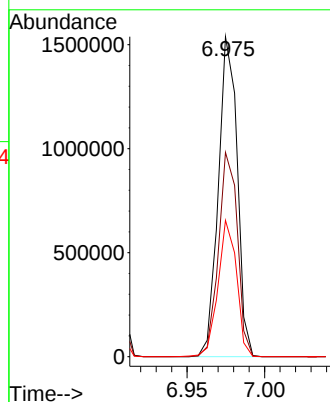
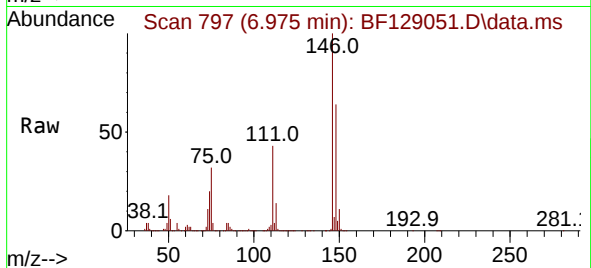
Tgt Ion:146 Resp: 1304205

Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

111 42.6 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 41.321 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

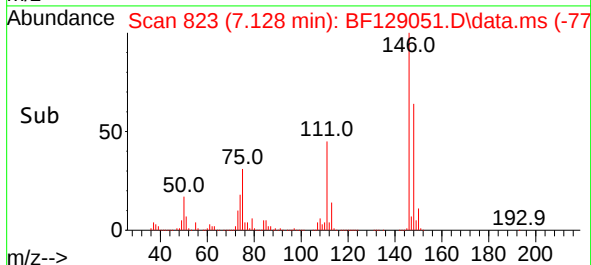
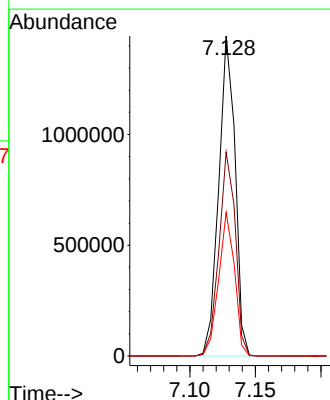
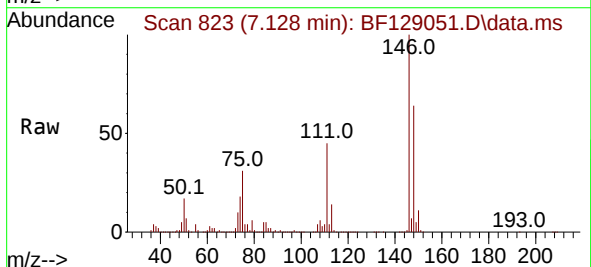
Tgt Ion:146 Resp: 1251619

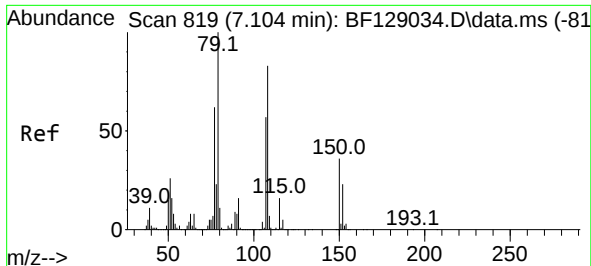
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

111 44.9 35.1 52.7

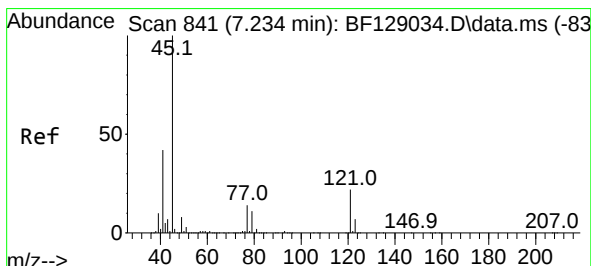
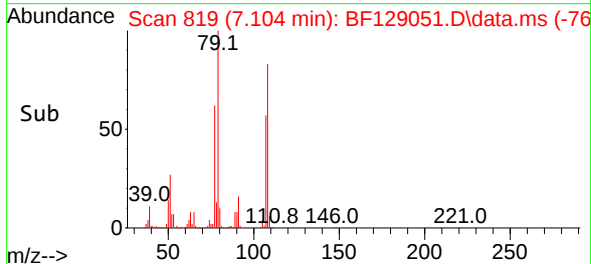
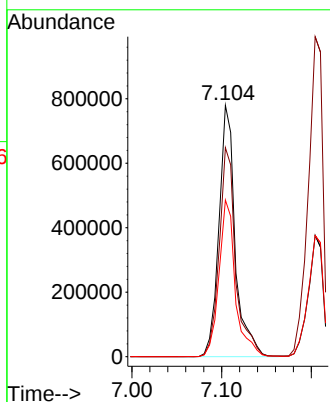
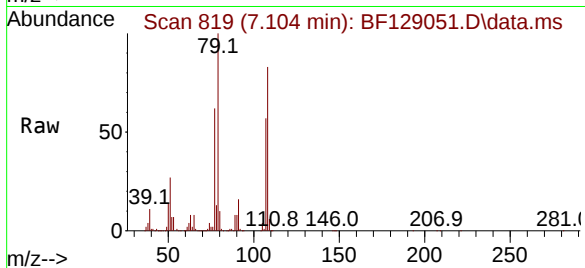




#15
Benzyl Alcohol
Concen: 40.749 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

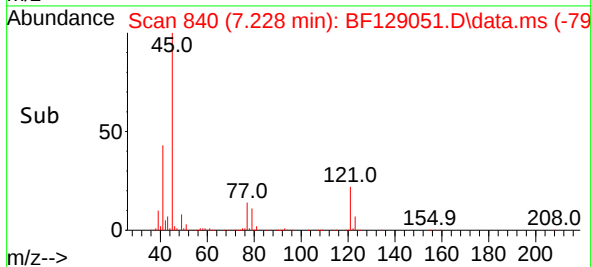
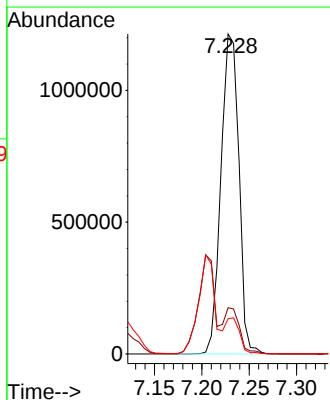
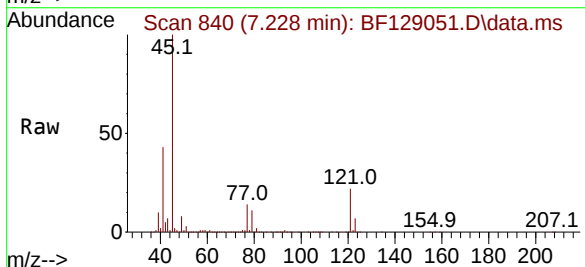
Instrument :
BNA_F
ClientSampleId :
PB145806BS

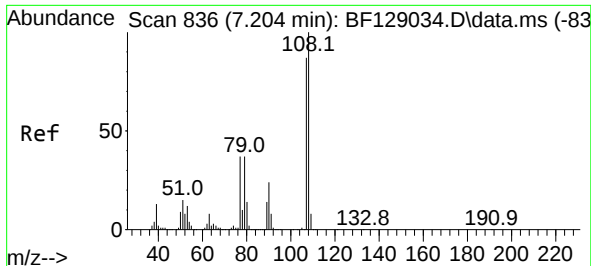
Tgt Ion: 79 Resp: 983293
Ion Ratio Lower Upper
79 100
108 83.1 61.8 92.6
77 62.3 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.681 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion: 45 Resp: 1598433
Ion Ratio Lower Upper
45 100
77 14.5 0.0 31.3
79 11.0 0.0 28.3

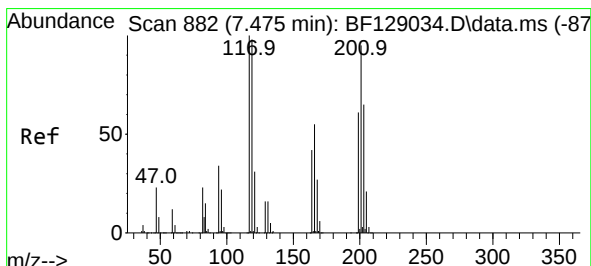
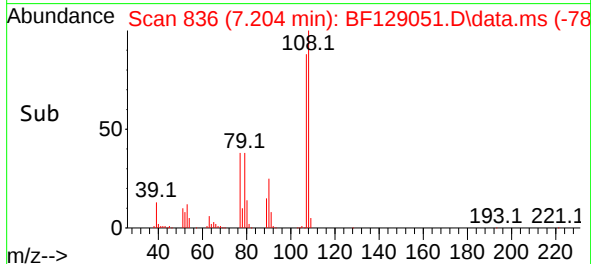
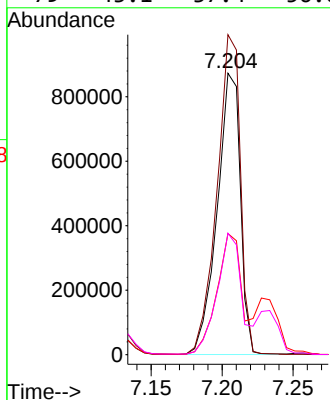
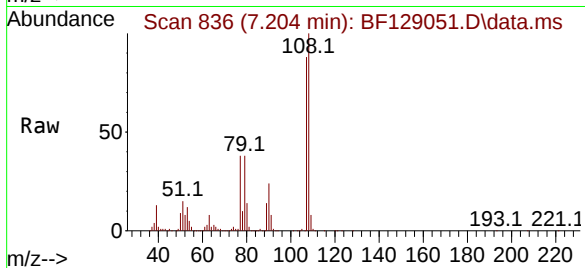




#17
2-Methylphenol
Concen: 41.877 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

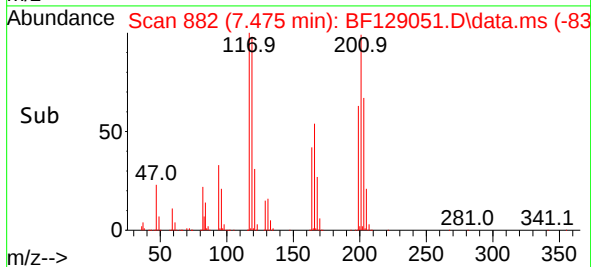
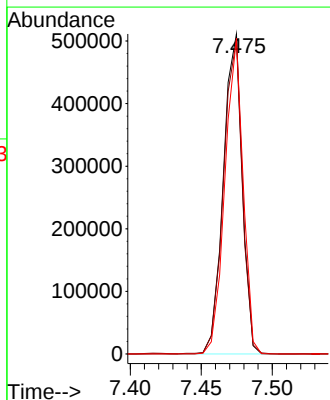
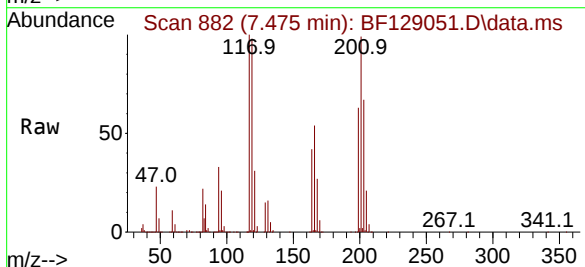
Instrument :
BNA_F
ClientSampleId :
PB145806BS

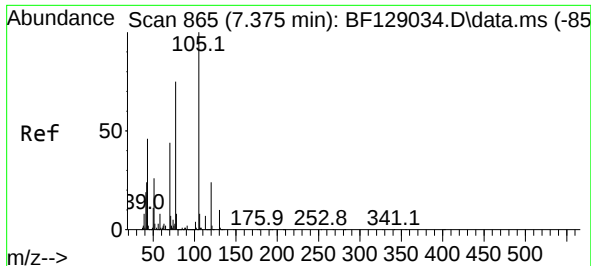
Tgt Ion:107 Resp: 988914
Ion Ratio Lower Upper
107 100
108 113.7 91.9 137.9
77 43.0 37.8 56.8
79 43.1 37.4 56.0



#18
Hexachloroethane
Concen: 41.762 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:117 Resp: 472427
Ion Ratio Lower Upper
117 100
119 98.2 77.4 116.2
201 98.7 84.6 127.0

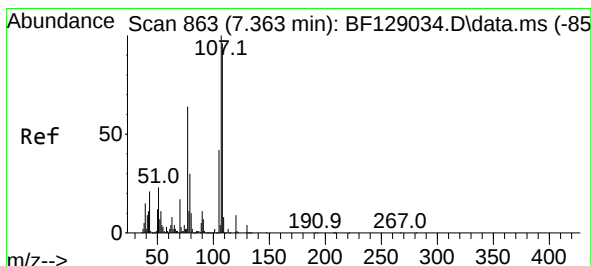
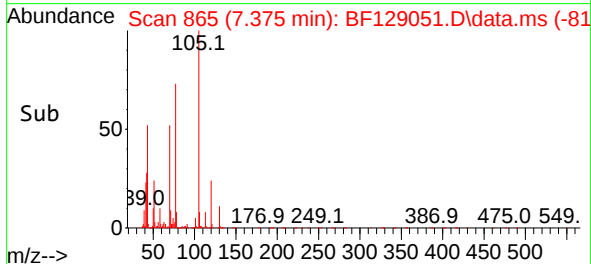
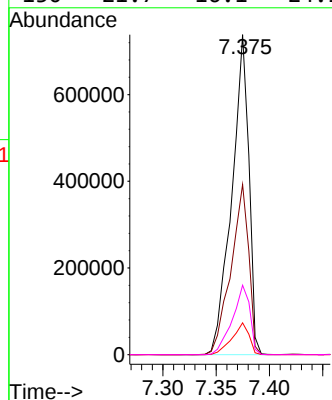
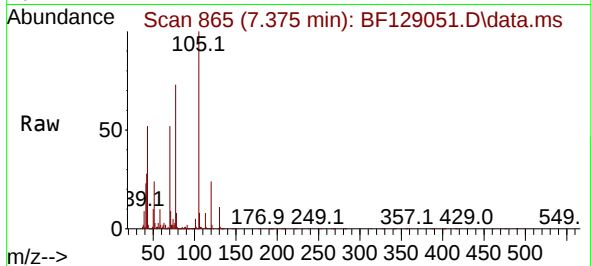




#19
n-Nitroso-di-n-propylamine
Concen: 41.519 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

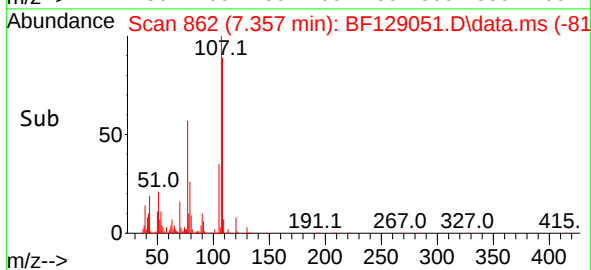
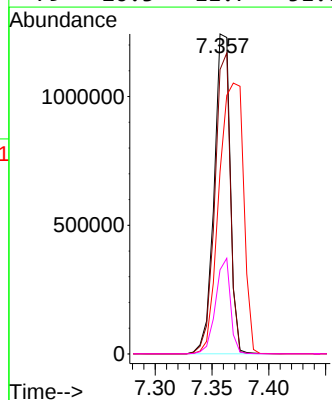
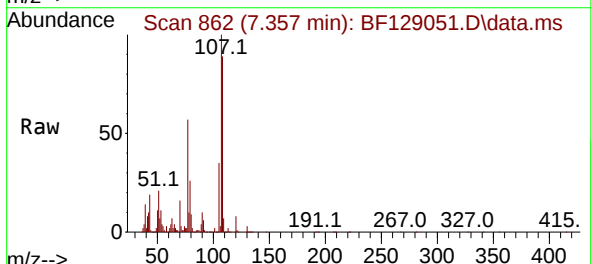
Instrument :
BNA_F
ClientSampleId :
PB145806BS

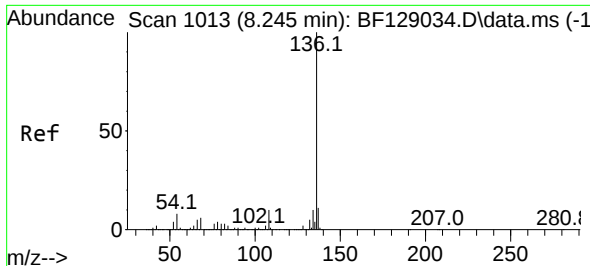
Tgt Ion: 70 Resp: 823936
Ion Ratio Lower Upper
70 100
42 53.2 52.3 78.5
101 10.0 7.5 11.3
130 21.7 16.1 24.1



#20
3+4-Methylphenols
Concen: 40.871 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion: 107 Resp: 1227355
Ion Ratio Lower Upper
107 100
108 88.8 71.8 111.8
77 56.9 59.3 99.3#
79 26.3 11.7 51.7

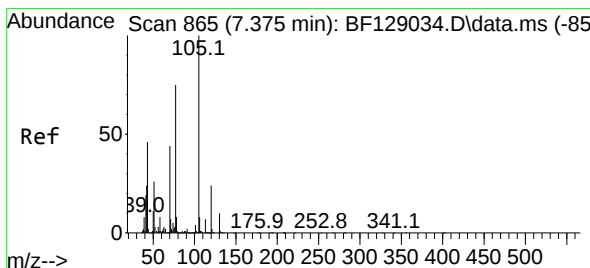
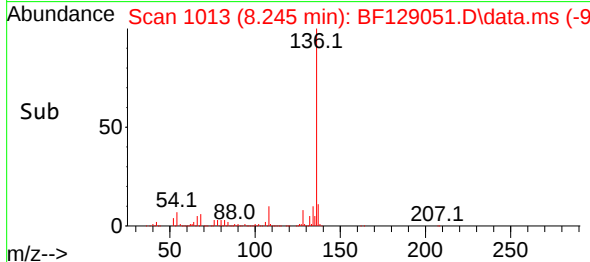
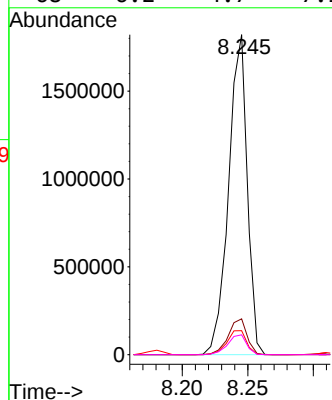
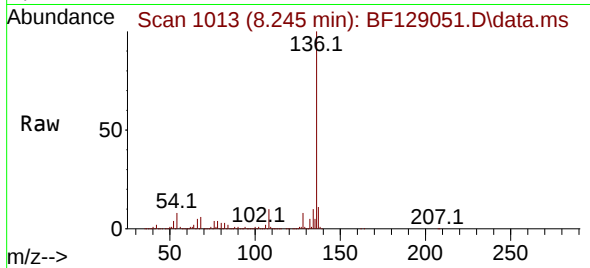




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

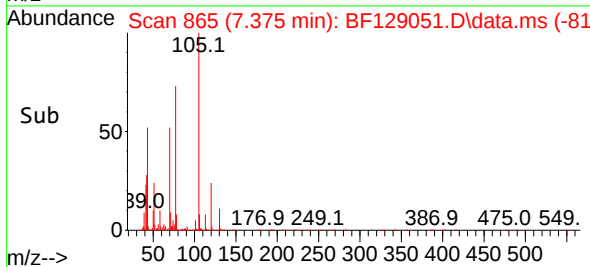
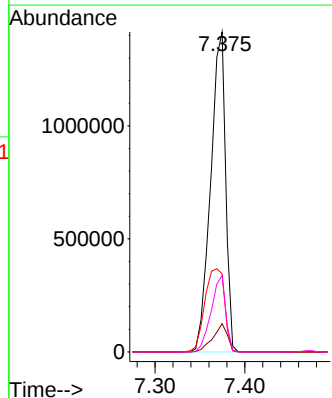
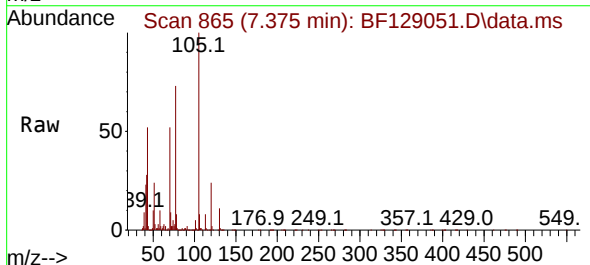
Instrument :
BNA_F
ClientSampleId :
PB145806BS

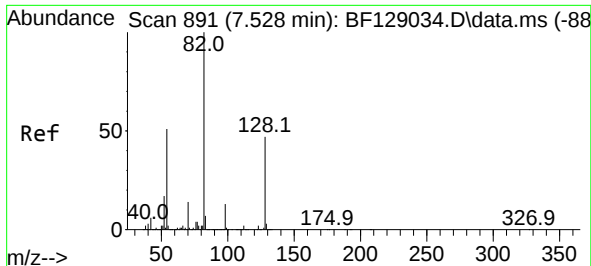
Tgt Ion:136 Resp: 1799547
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.5 7.5 11.3#
68 6.2 4.7 7.1



#22
Acetophenone
Concen: 39.636 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:105 Resp: 1636228
Ion Ratio Lower Upper
105 100
71 8.9 5.0 7.4#
51 24.4 25.0 37.4#
120 23.9 17.8 26.8





#23

Nitrobenzene-d5

Concen: 76.527 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

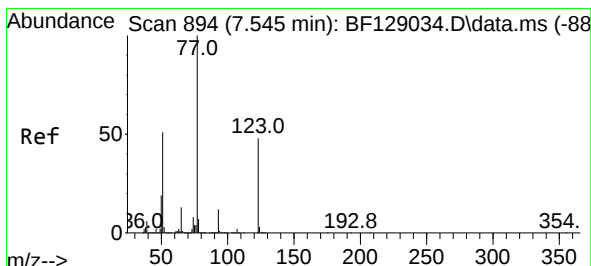
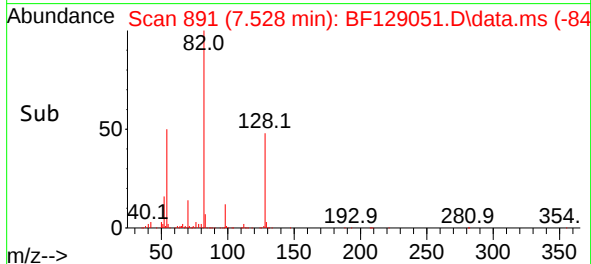
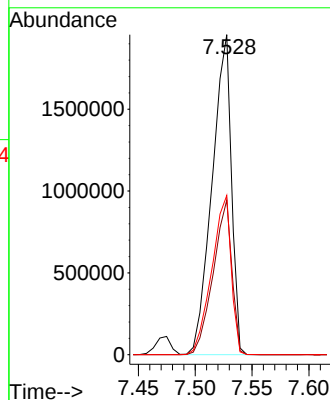
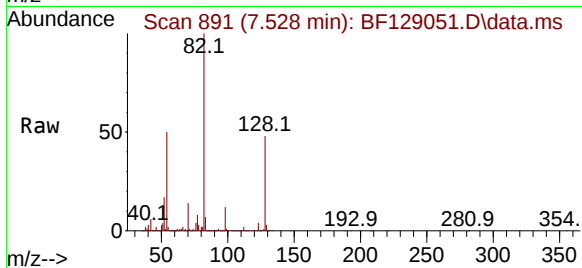
BNA_F

ClientSampleId :

PB145806BS

Tgt Ion: 82 Resp: 2308827

Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.0	51.0
54	49.8	46.9	70.3



#24

Nitrobenzene

Concen: 42.195 ng

RT: 7.545 min Scan# 894

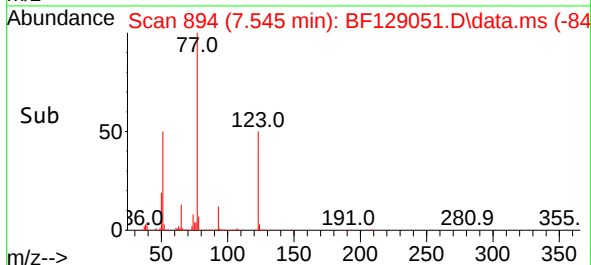
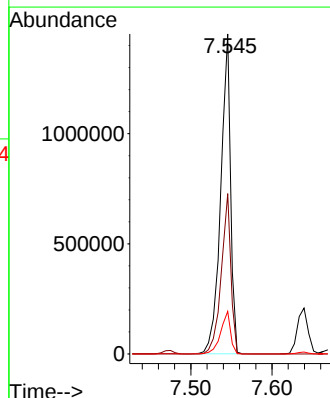
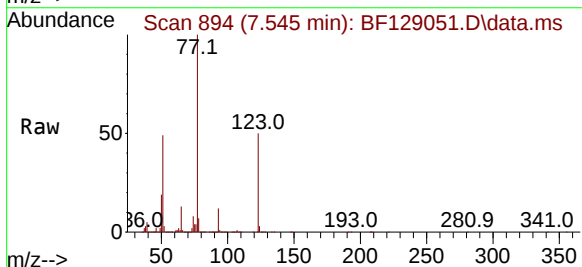
Delta R.T. -0.000 min

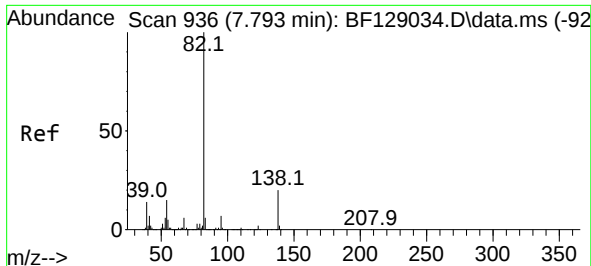
Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Tgt Ion: 77 Resp: 1231749

Ion	Ratio	Lower	Upper
77	100		
123	50.1	35.4	53.2
65	13.3	11.8	17.8

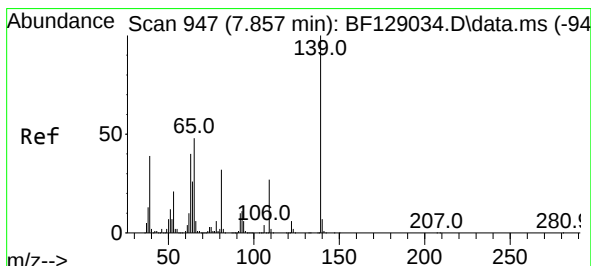
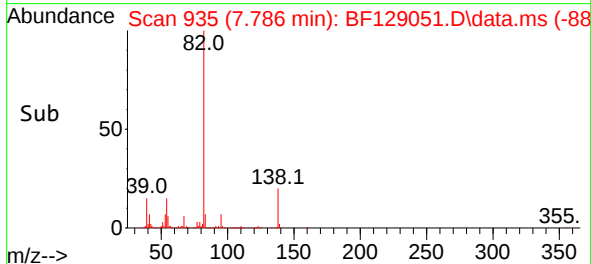
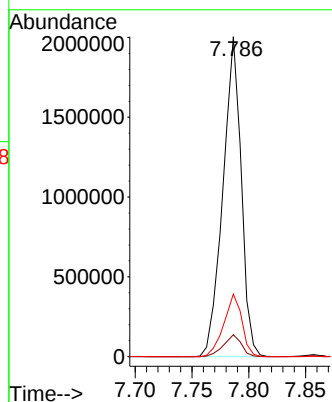
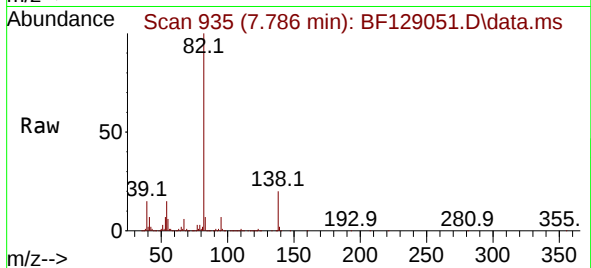




#25
Isophorone
Concen: 44.123 ng
RT: 7.786 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

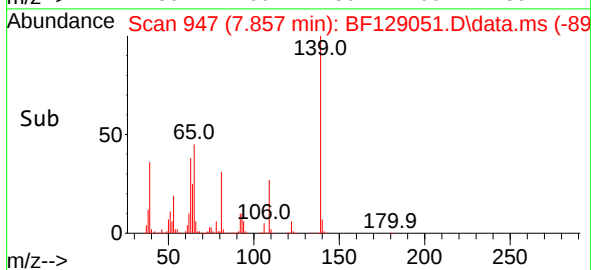
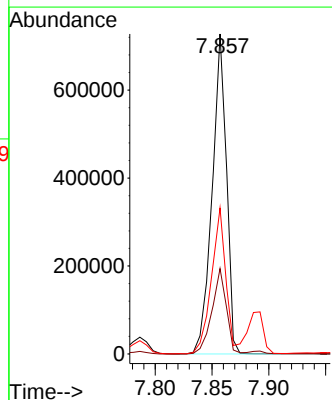
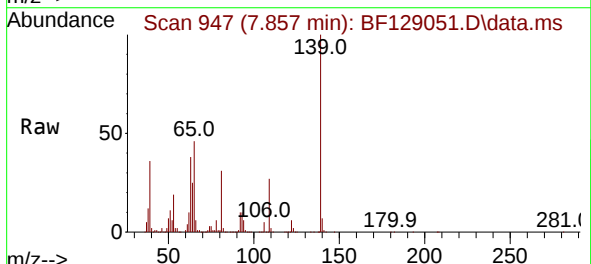
Instrument :
BNA_F
ClientSampleId :
PB145806BS

Tgt Ion: 82 Resp: 2249782
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 19.6 14.2 21.2



#26
2-Nitrophenol
Concen: 46.932 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:139 Resp: 636722
Ion Ratio Lower Upper
139 100
109 26.7 25.0 37.4
65 45.6 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 46.921 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB145806BS

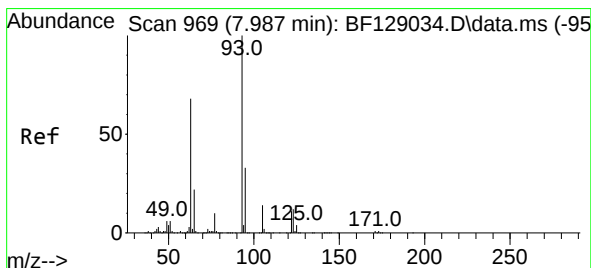
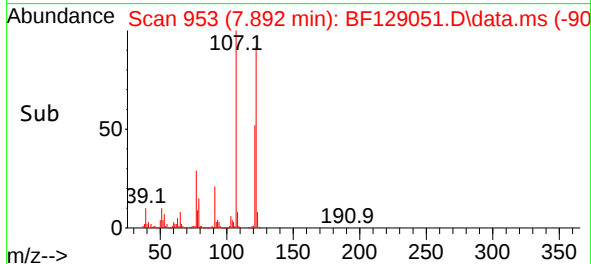
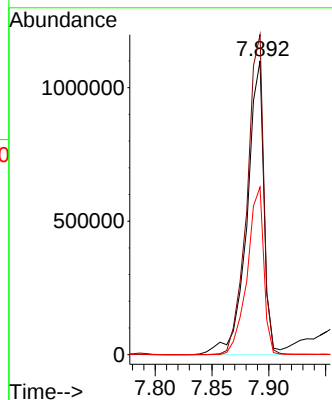
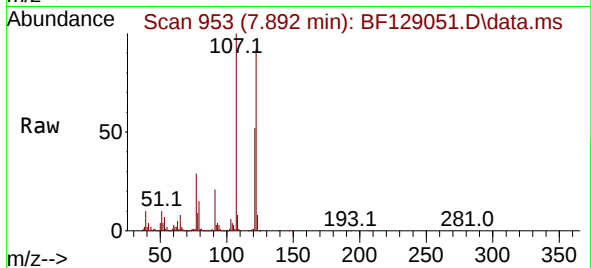
Tgt Ion:122 Resp: 1149264

Ion Ratio Lower Upper

122 100

107 108.9 93.0 139.6

121 57.0 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.969 ng

RT: 7.986 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

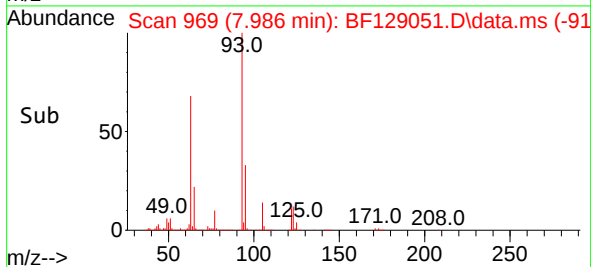
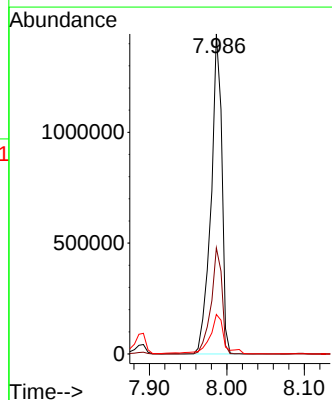
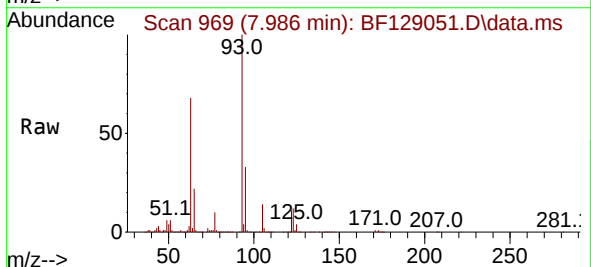
Tgt Ion: 93 Resp: 1399616

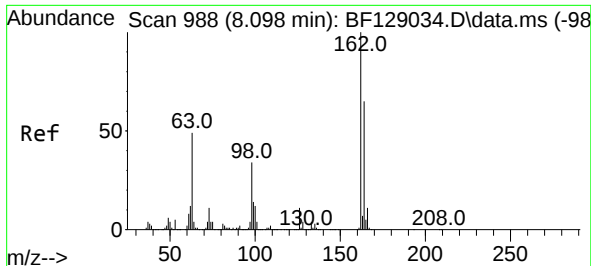
Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

123 12.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.459 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB145806BS

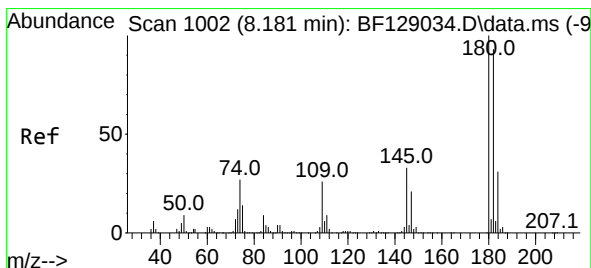
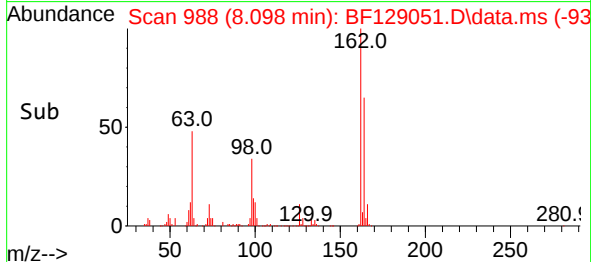
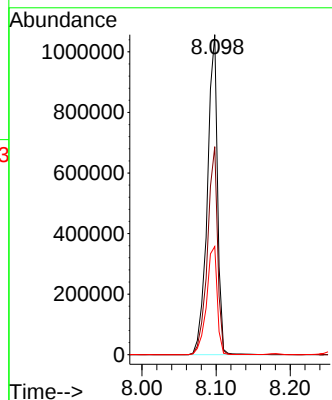
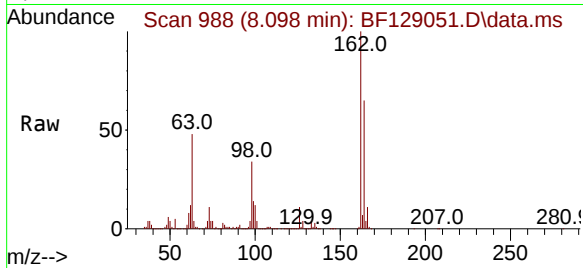
Tgt Ion:162 Resp: 1010785

Ion Ratio Lower Upper

162 100

164 65.0 44.2 84.2

98 33.8 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 39.141 ng

RT: 8.181 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

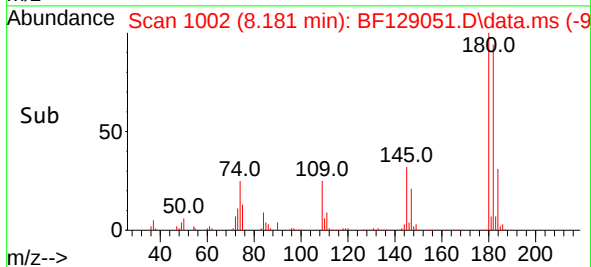
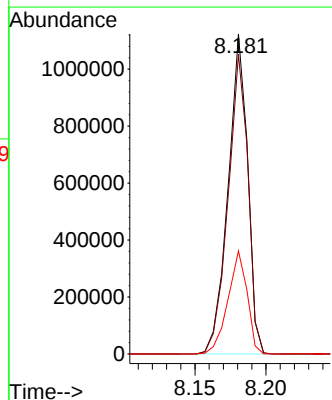
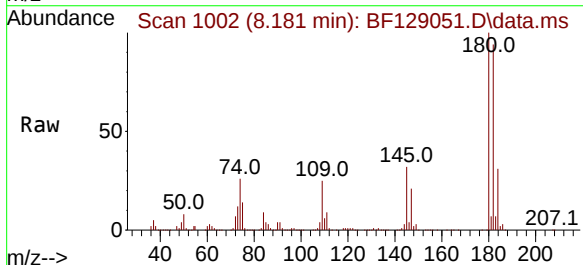
Tgt Ion:180 Resp: 1076038

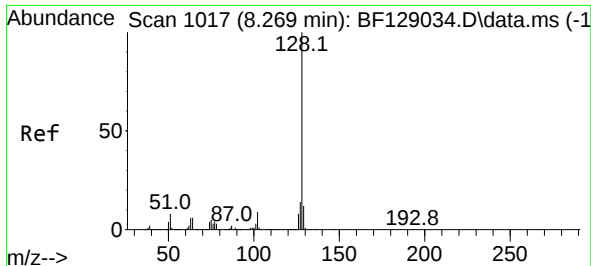
Ion Ratio Lower Upper

180 100

182 93.7 79.2 118.8

145 32.2 26.2 39.2

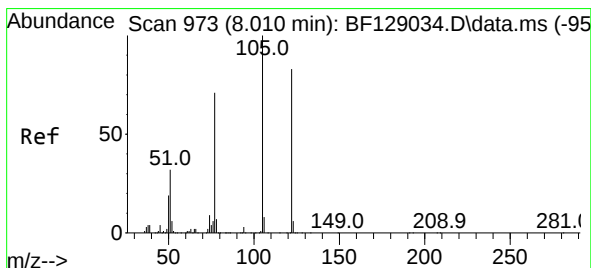
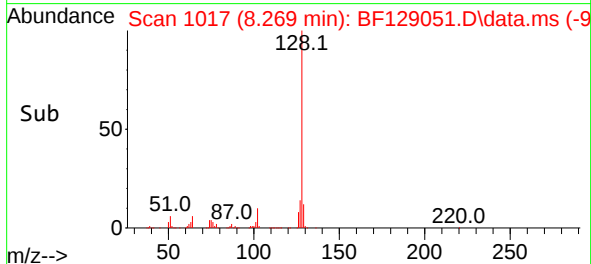
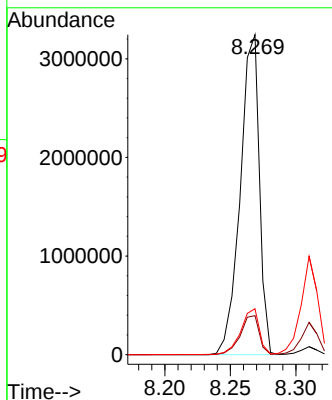
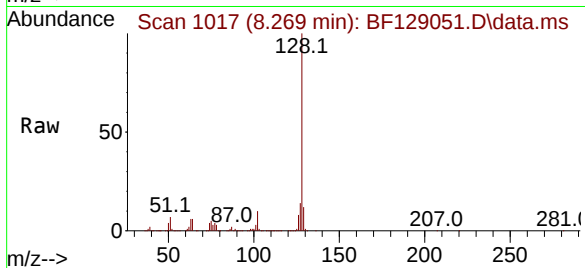




#31
Naphthalene
Concen: 40.255 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

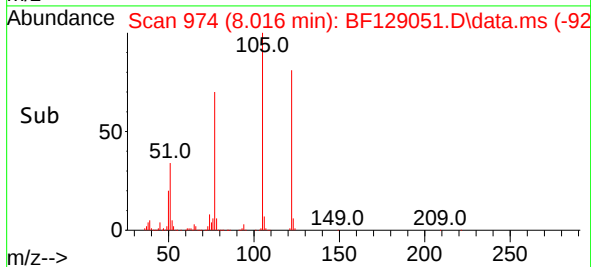
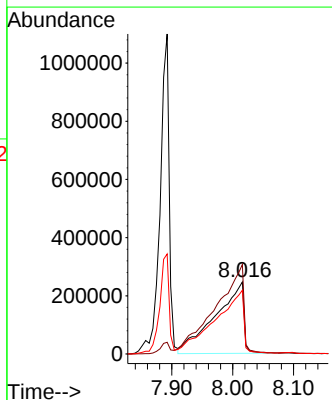
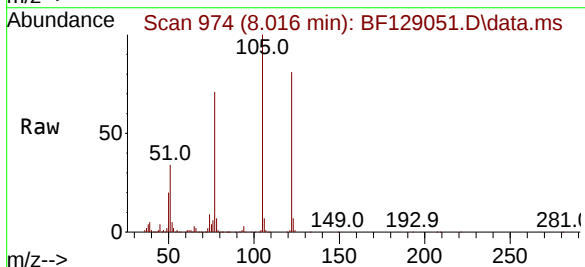
Instrument :
BNA_F
ClientSampleId :
PB145806BS

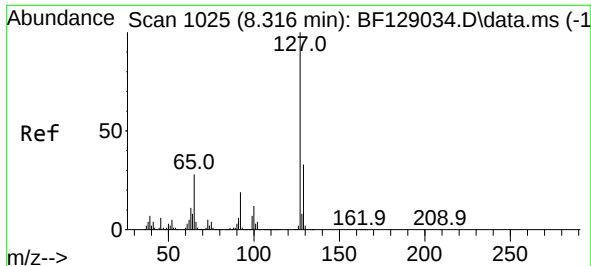
Tgt Ion:128 Resp: 3288613
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 14.3 10.5 15.7



#32
Benzoic acid
Concen: 40.667 ng
RT: 8.016 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:122 Resp: 799168
Ion Ratio Lower Upper
122 100
105 124.1 107.1 147.1
77 88.4 74.2 114.2

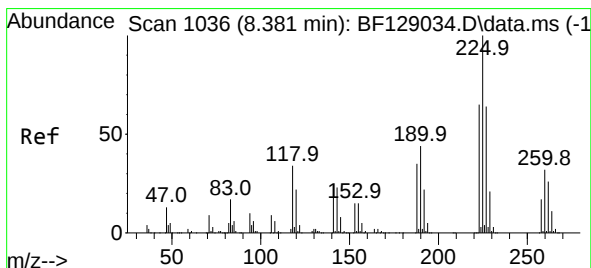
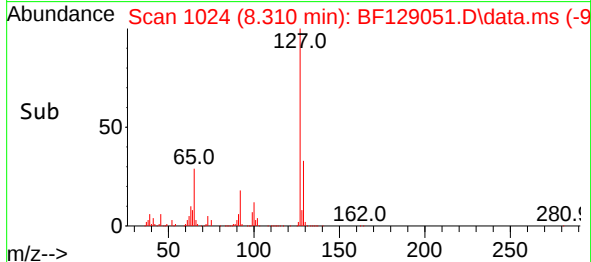
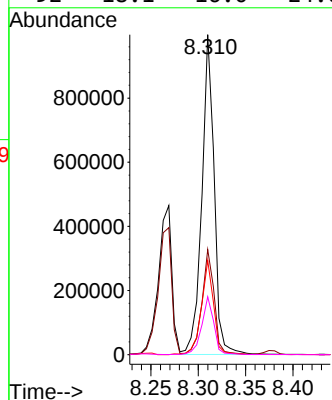
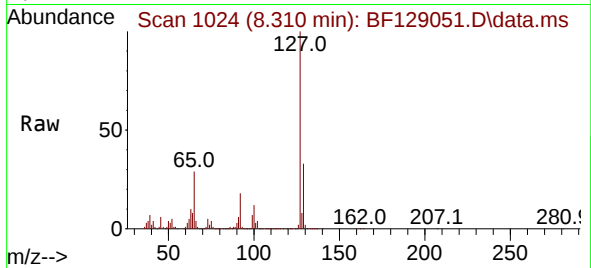




#33
4-Chloroaniline
Concen: 27.491 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

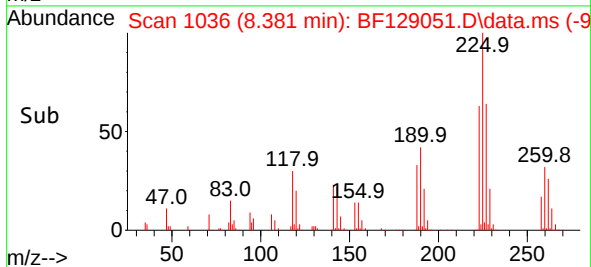
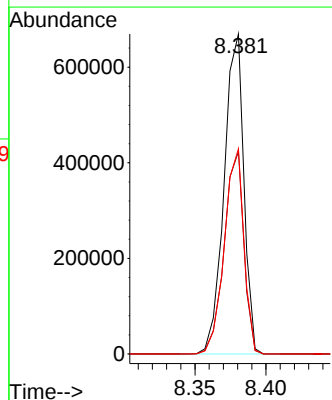
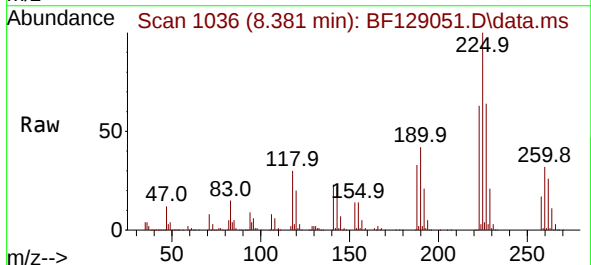
Instrument :
BNA_F
ClientSampleId :
PB145806BS

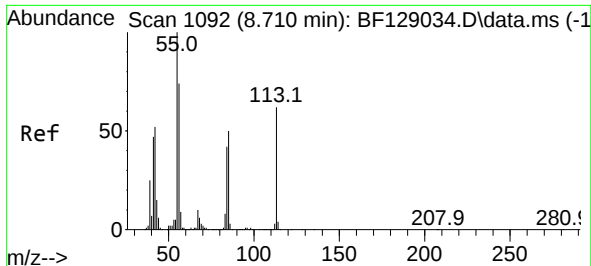
Tgt Ion:127	Resp: 904973
Ion Ratio	Lower Upper
127 100	
129 32.9	26.4 39.6
65 29.4	26.4 39.6
92 18.1	16.0 24.0



#34
Hexachlorobutadiene
Concen: 39.273 ng
RT: 8.381 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:225	Resp: 644683		
Ion Ratio	Lower	Upper	
225 100			
223 63.3	51.0	76.6	
227 64.1	51.1	76.7	

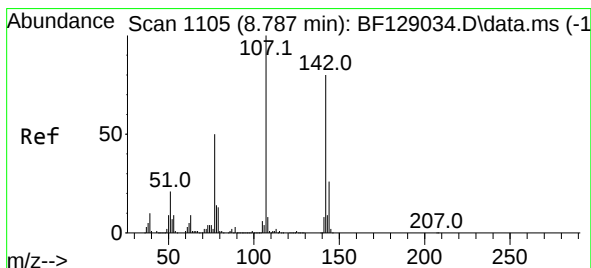
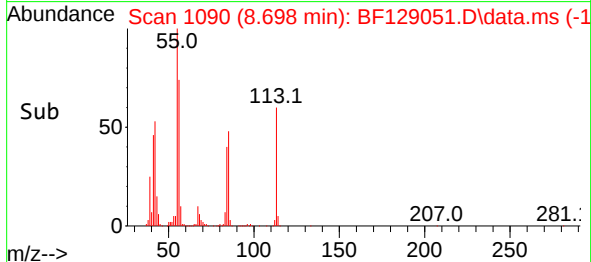
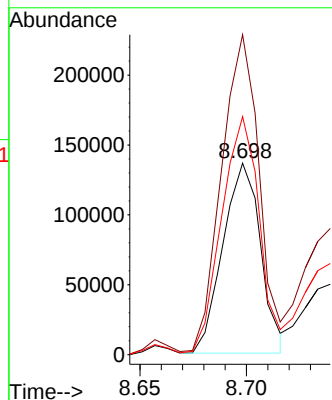
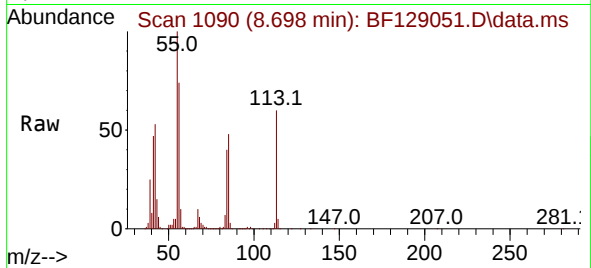




#35
 Caprolactam
 Concen: 21.121 ng
 RT: 8.698 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: BF129051.D
 Acq: 30 Jun 2022 11:27

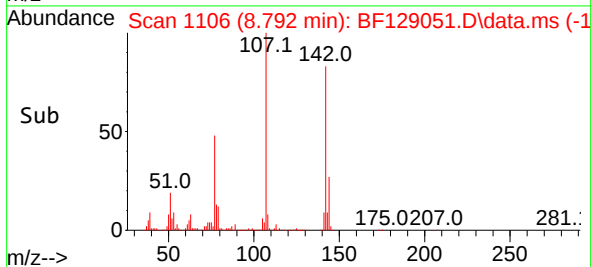
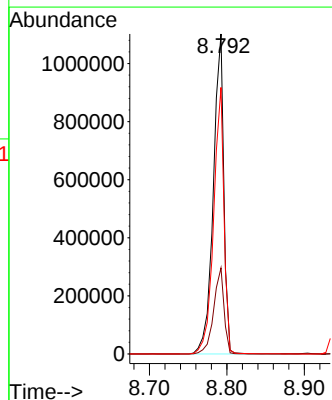
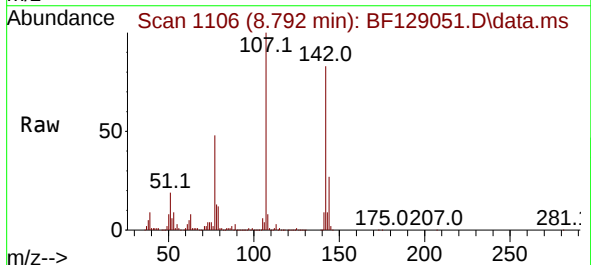
Instrument :
 BNA_F
 ClientSampleId :
 PB145806BS

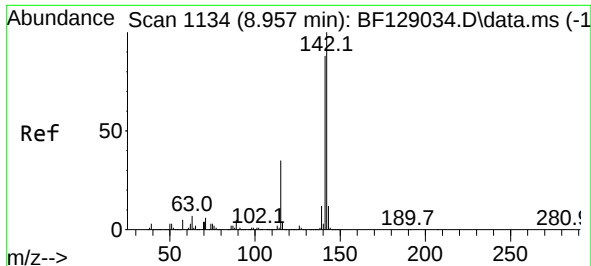
Tgt Ion:113 Resp: 167322
 Ion Ratio Lower Upper
 113 100
 55 167.1 188.5 228.5#
 56 124.3 130.6 170.6#



#36
 4-Chloro-3-methylphenol
 Concen: 40.831 ng
 RT: 8.792 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF129051.D
 Acq: 30 Jun 2022 11:27

Tgt Ion:107 Resp: 1036405
 Ion Ratio Lower Upper
 107 100
 144 26.9 19.5 29.3
 142 83.3 58.2 87.4

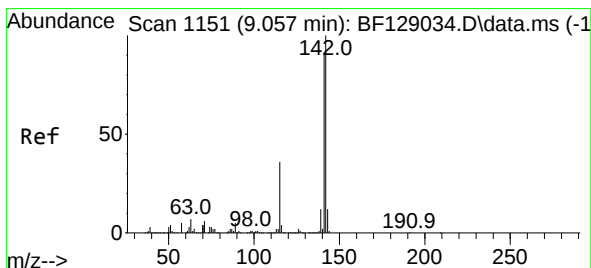
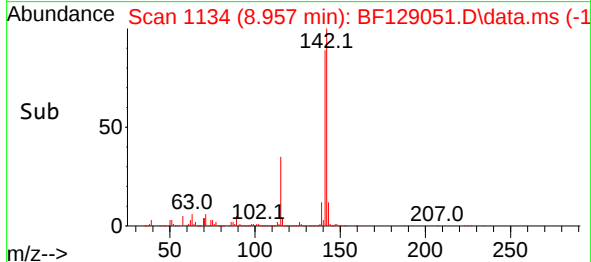
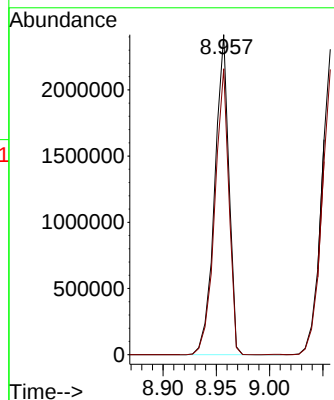
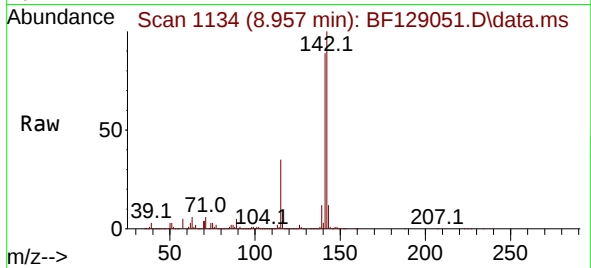




#37
2-Methylnaphthalene
Concen: 40.590 ng
RT: 8.957 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

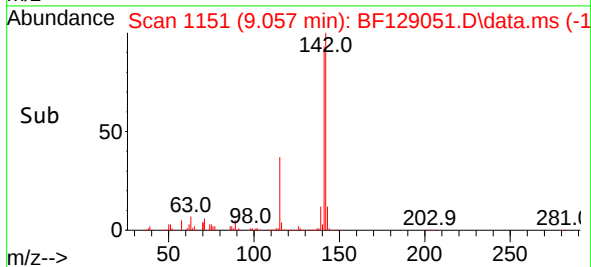
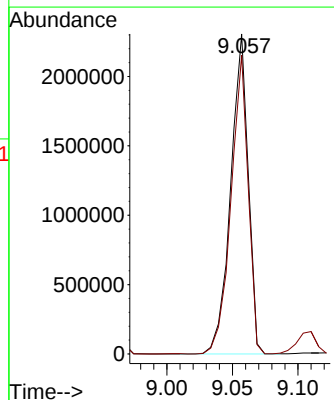
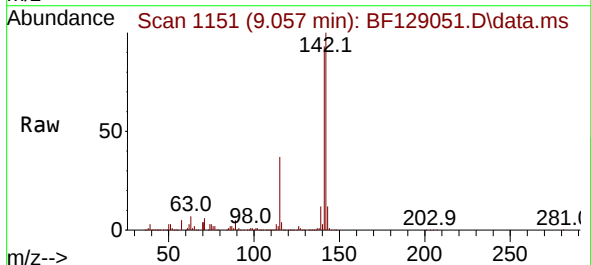
Instrument :
BNA_F
ClientSampleId :
PB145806BS

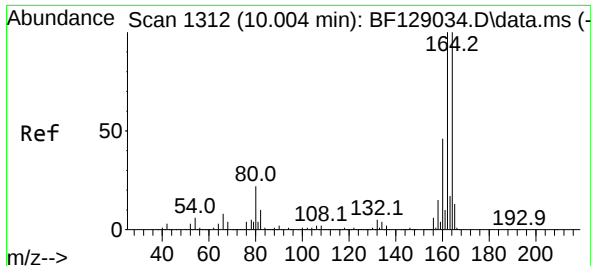
Tgt Ion:142 Resp: 2231280
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.4



#38
1-Methylnaphthalene
Concen: 40.089 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:142 Resp: 2140149
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4

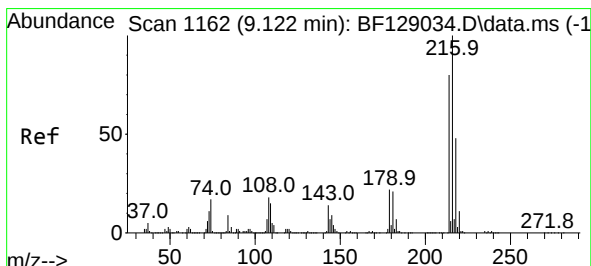
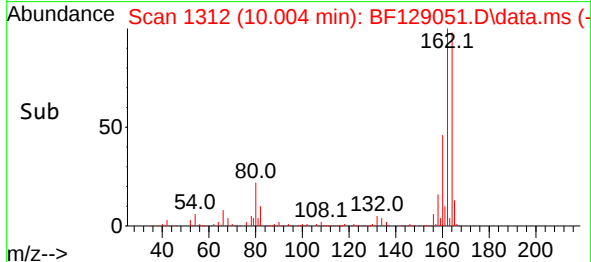
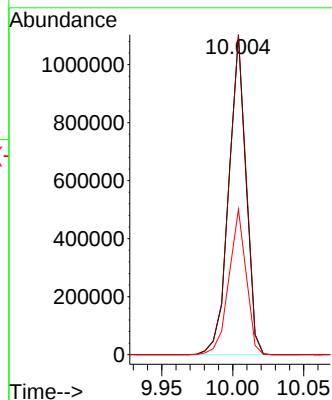
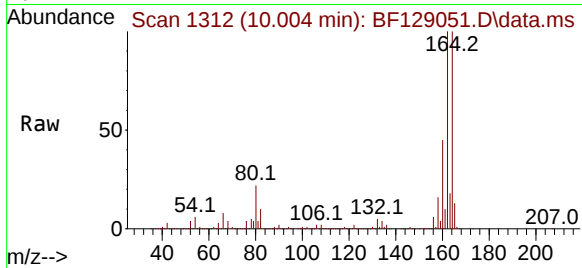




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

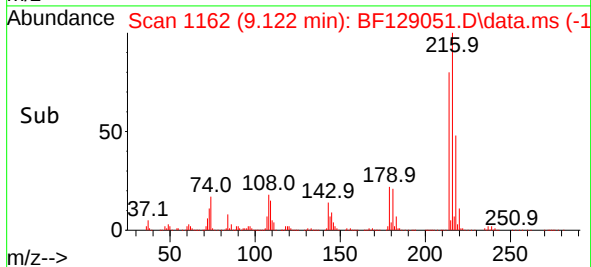
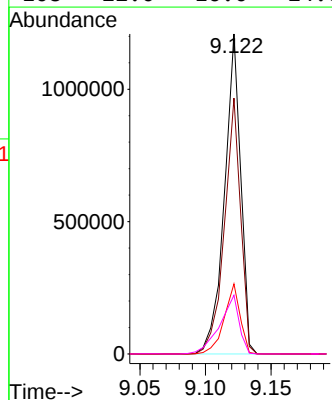
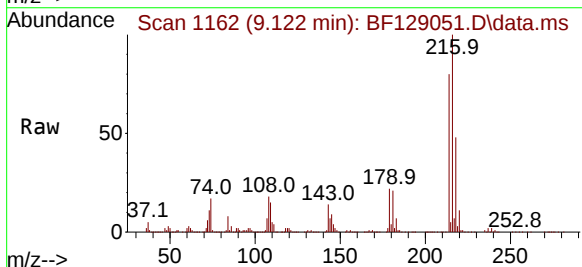
Instrument :
BNA_F
ClientSampleId :
PB145806BS

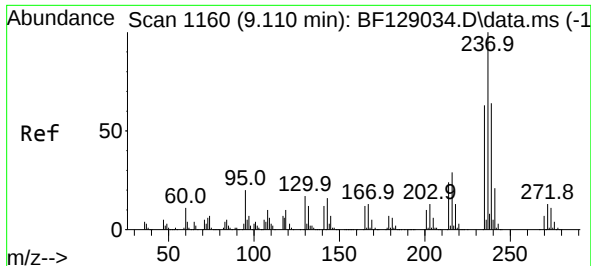
Tgt Ion:164 Resp: 929651
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 45.6 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.776 ng
RT: 9.122 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:216 Resp: 1039379
Ion Ratio Lower Upper
216 100
214 79.5 63.6 95.4
179 21.6 17.0 25.6
108 22.0 16.0 24.0

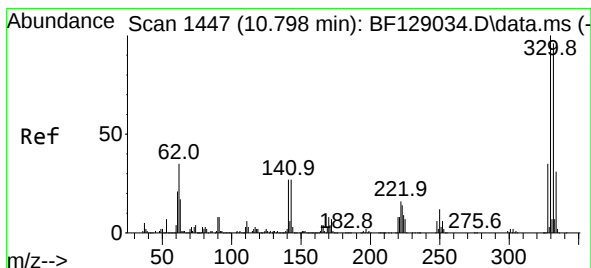
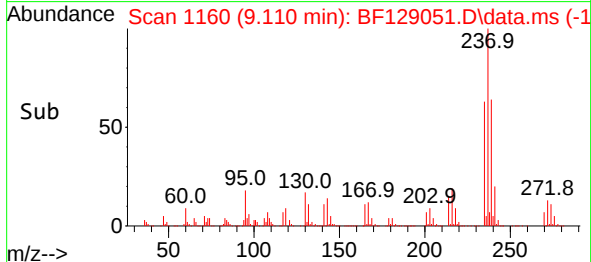
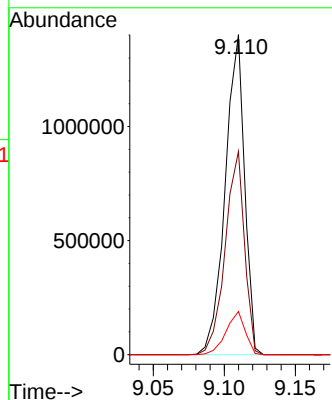
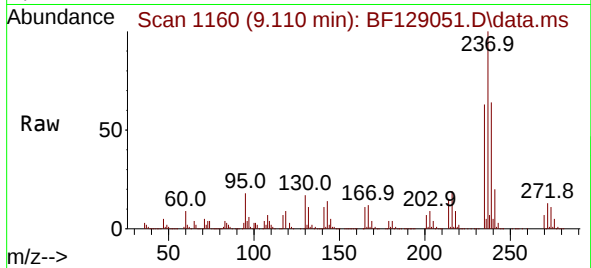




#41
Hexachlorocyclopentadiene
Concen: 96.394 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

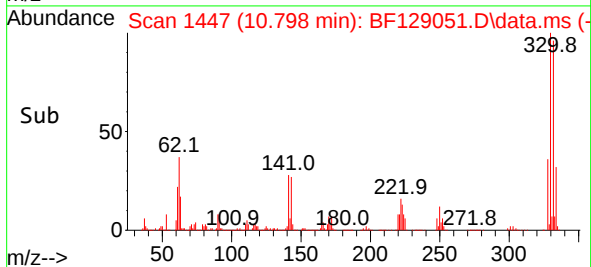
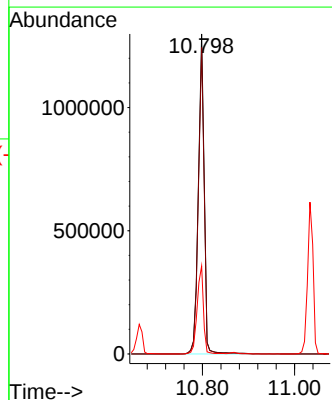
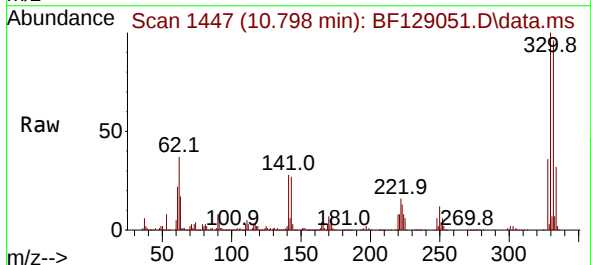
Instrument :
BNA_F
ClientSampleId :
PB145806BS

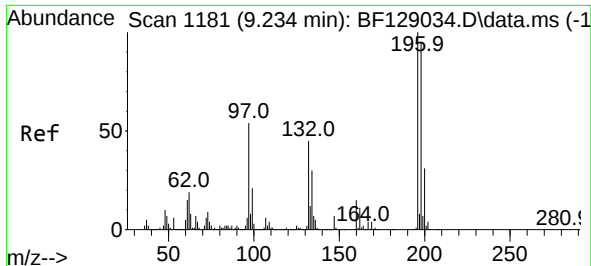
Tgt Ion:237 Resp: 1329593
Ion Ratio Lower Upper
237 100
235 63.5 43.2 83.2
272 13.5 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 112.891 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:330 Resp: 1141171
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 29.5 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 40.736 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB145806BS

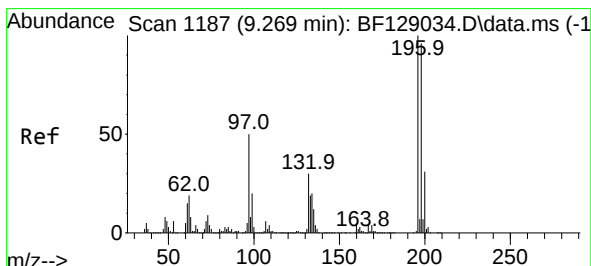
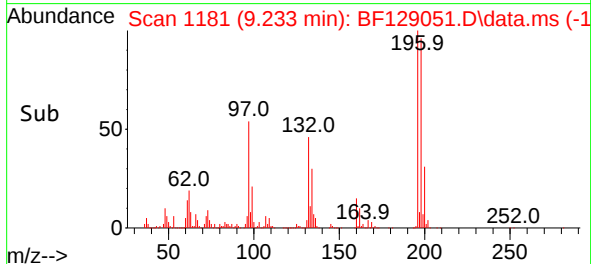
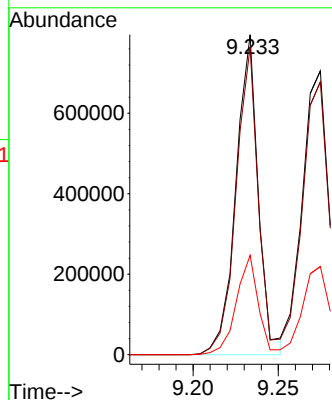
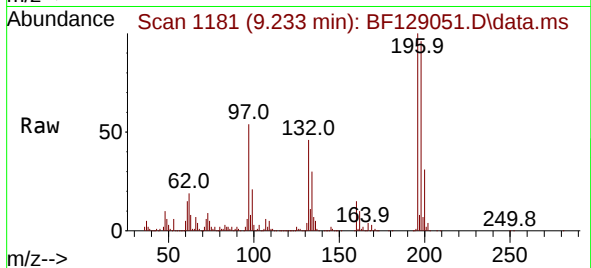
Tgt Ion:196 Resp: 725063

Ion Ratio Lower Upper

196 100

198 96.2 74.0 111.0

200 31.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 40.089 ng

RT: 9.275 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Tgt Ion:196 Resp: 758970

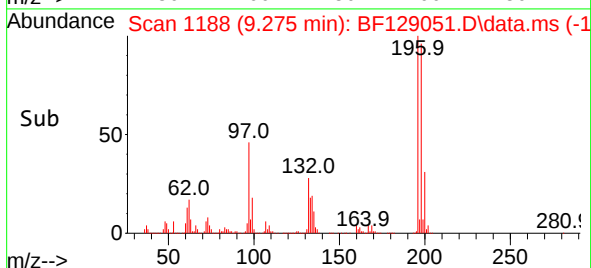
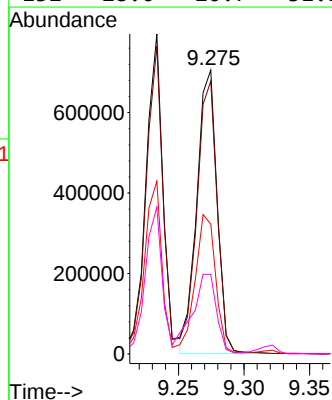
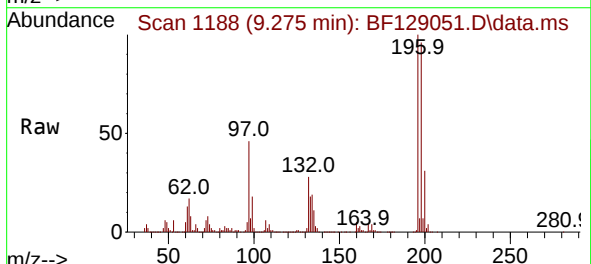
Ion Ratio Lower Upper

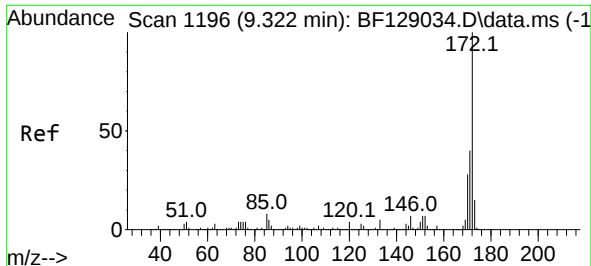
196 100

198 96.2 75.7 113.5

97 45.8 36.4 54.6

132 28.0 20.7 31.1

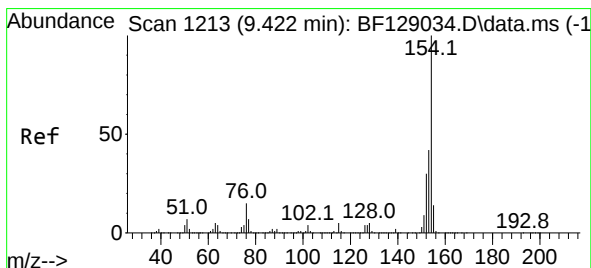
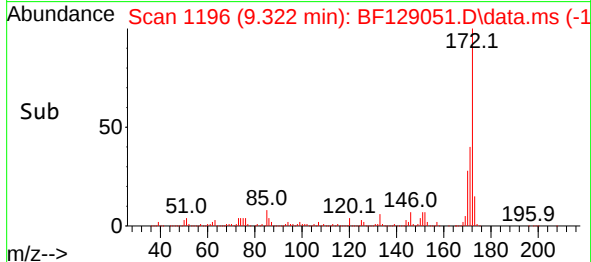
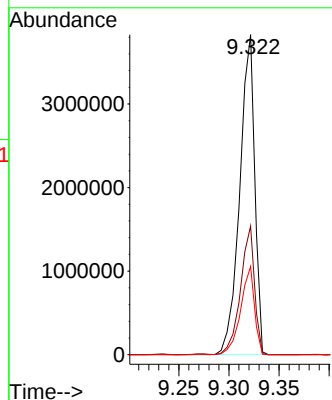
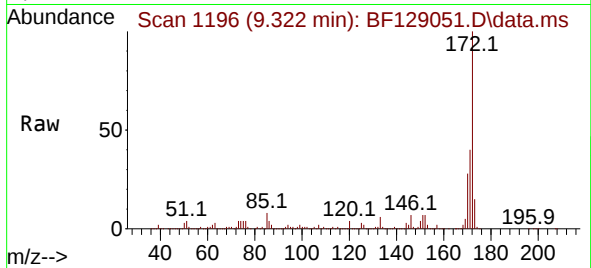




#45
2-Fluorobiphenyl
Concen: 68.861 ng
RT: 9.322 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

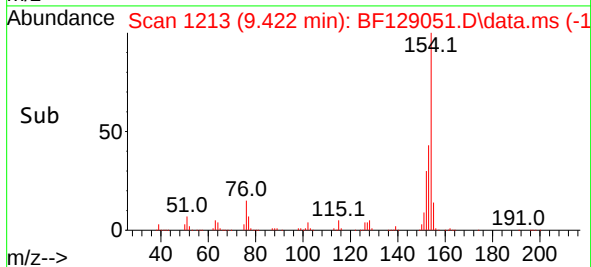
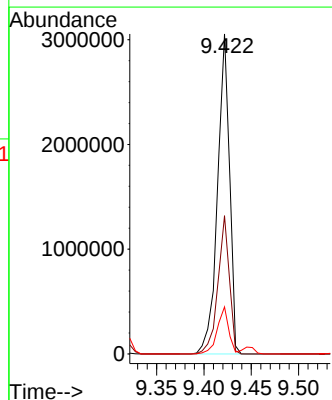
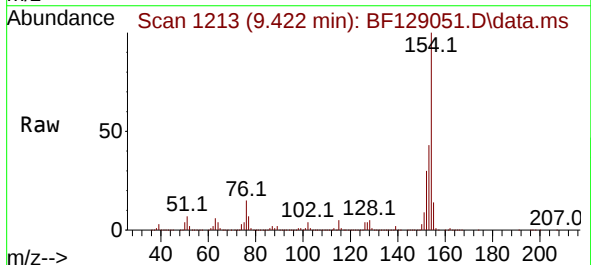
Instrument :
BNA_F
ClientSampleId :
PB145806BS

Tgt Ion:172 Resp: 4001569
Ion Ratio Lower Upper
172 100
171 40.2 28.8 43.2
170 27.5 19.8 29.8



#46
1,1'-Biphenyl
Concen: 40.153 ng
RT: 9.422 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:154 Resp: 2683661
Ion Ratio Lower Upper
154 100
153 43.2 20.6 60.6
76 14.7 0.0 33.3

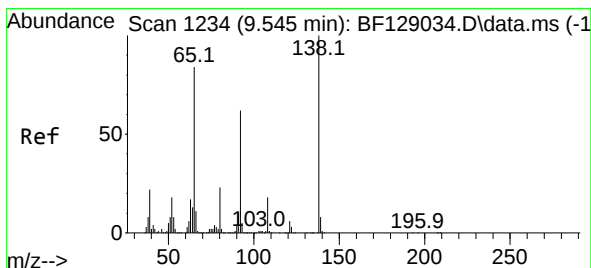
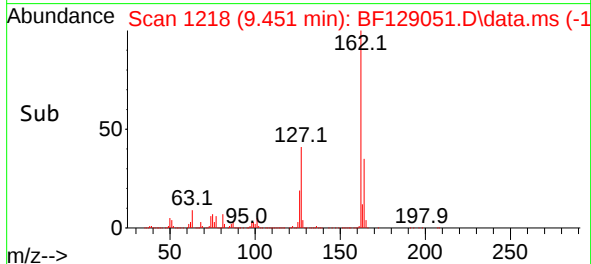
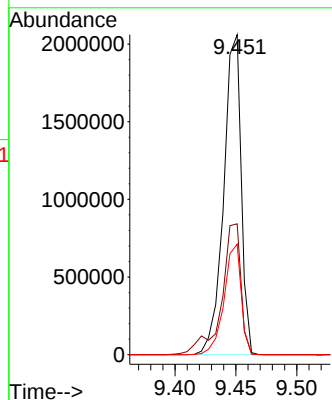
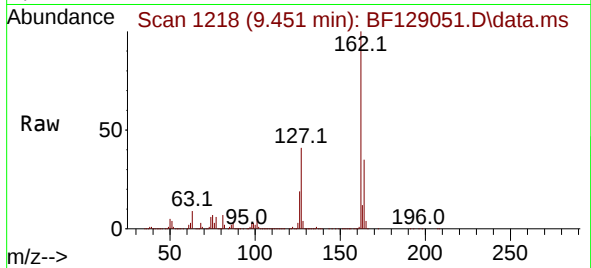




#47
2-Chloronaphthalene
Concen: 39.987 ng
RT: 9.451 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

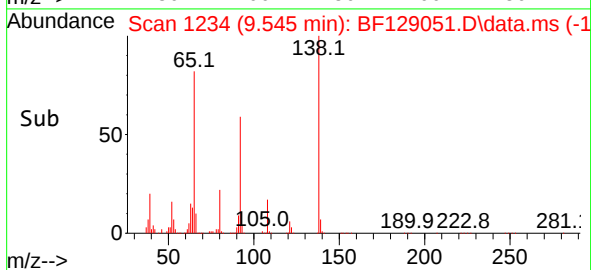
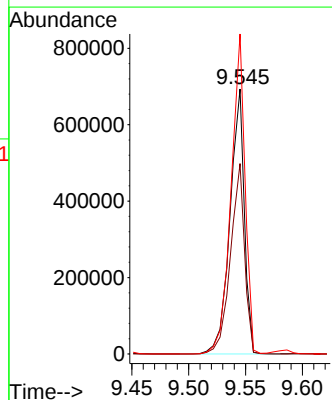
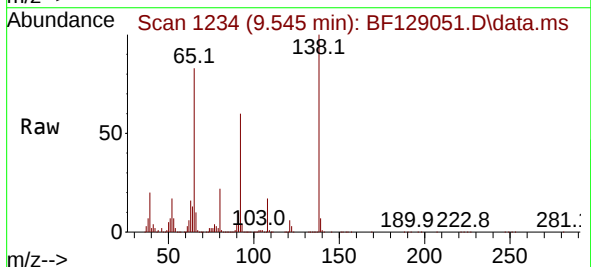
Instrument :
BNA_F
ClientSampleId :
PB145806BS

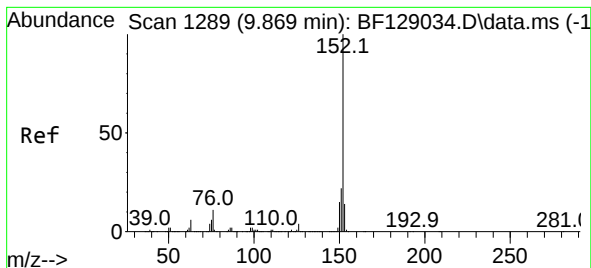
Tgt Ion:162 Resp: 2063819
Ion Ratio Lower Upper
162 100
127 40.9 34.5 51.7
164 34.5 26.5 39.7



#48
2-Nitroaniline
Concen: 44.720 ng
RT: 9.545 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion: 65 Resp: 607913
Ion Ratio Lower Upper
65 100
92 71.9 51.9 77.9
138 120.8 76.4 114.6#





#49

Acenaphthylene

Concen: 42.182 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB145806BS

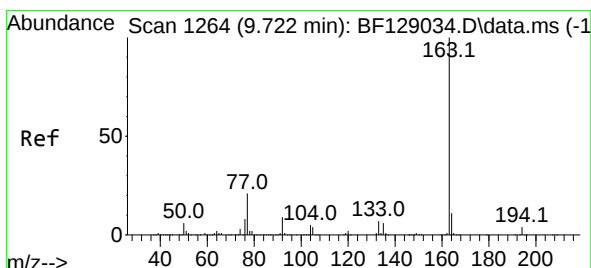
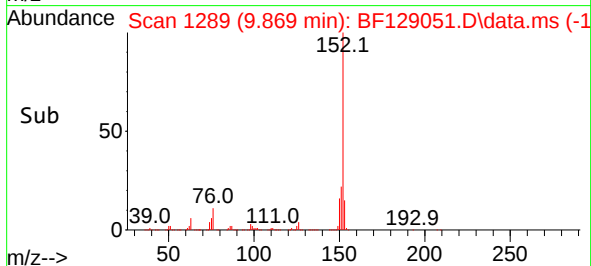
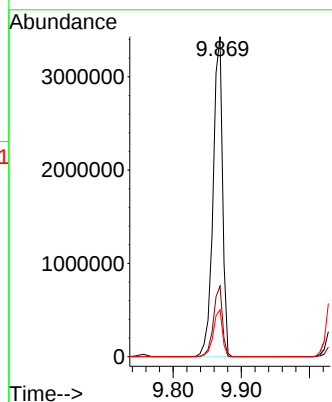
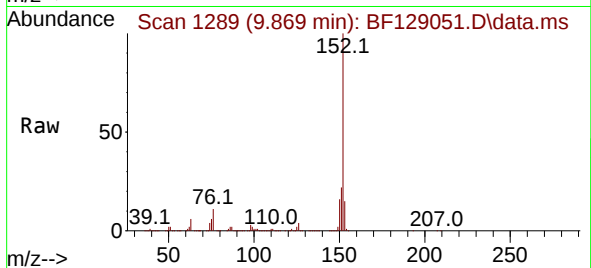
Tgt Ion:152 Resp: 3308153

Ion Ratio Lower Upper

152 100

151 22.1 16.2 24.4

153 14.6 10.7 16.1



#50

Dimethylphthalate

Concen: 40.282 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

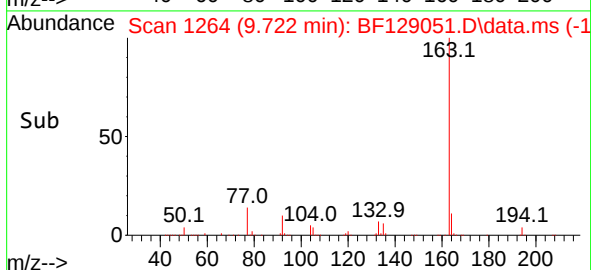
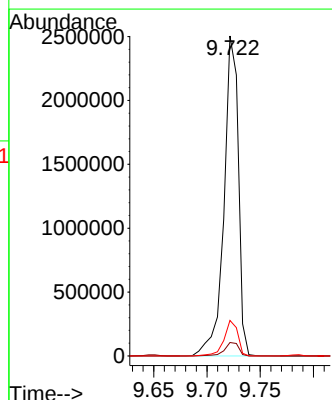
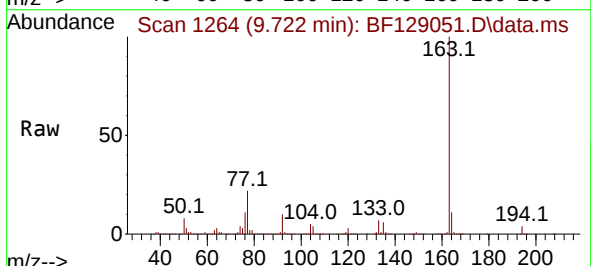
Tgt Ion:163 Resp: 2342777

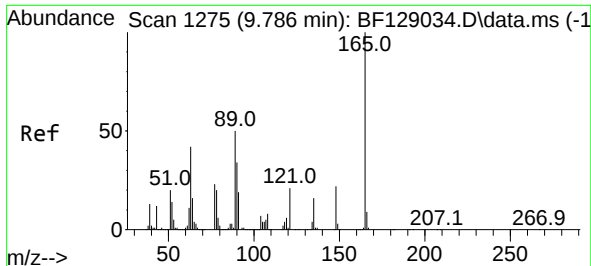
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 11.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 46.088 ng

RT: 9.786 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB145806BS

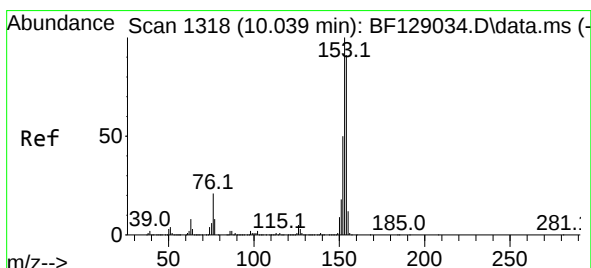
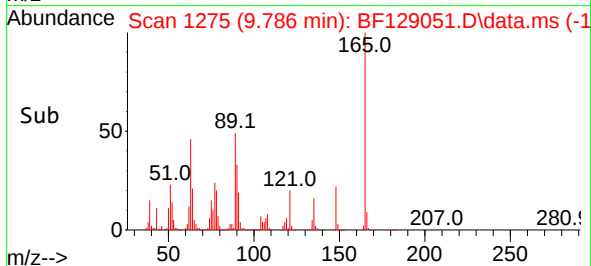
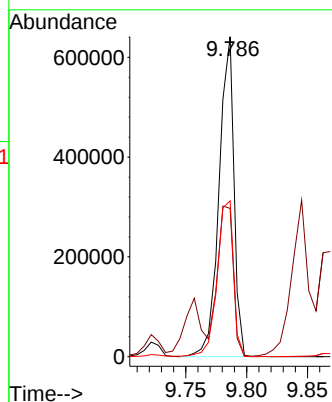
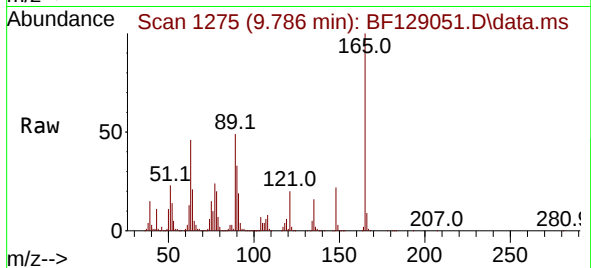
Tgt Ion:165 Resp: 547725

Ion Ratio Lower Upper

165 100

63 46.3 44.9 67.3

89 48.7 43.6 65.4



#52

Acenaphthene

Concen: 44.638 ng

RT: 10.039 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

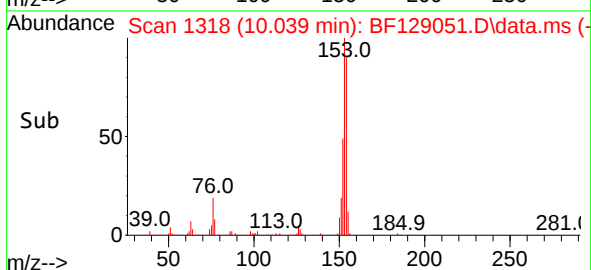
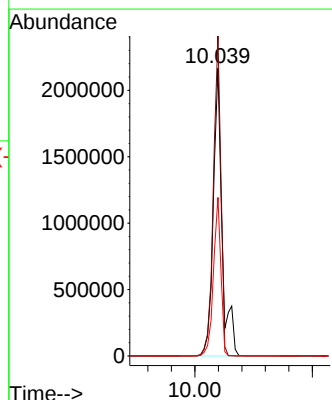
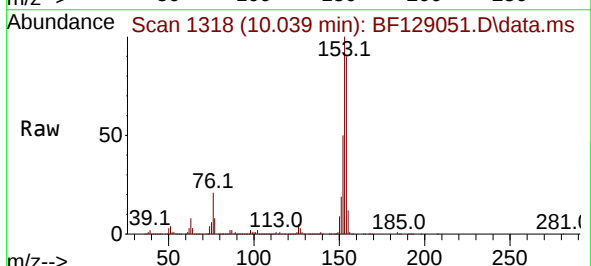
Tgt Ion:154 Resp: 2280273

Ion Ratio Lower Upper

154 100

153 111.2 89.6 134.4

152 55.1 42.4 63.6

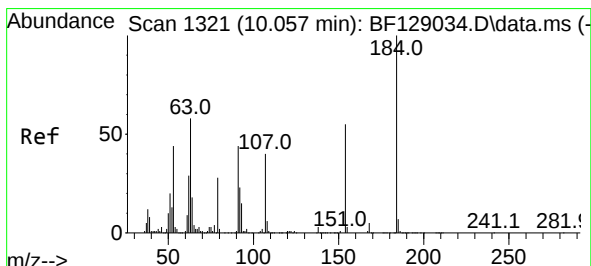
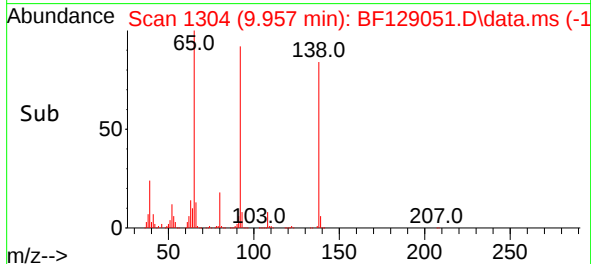
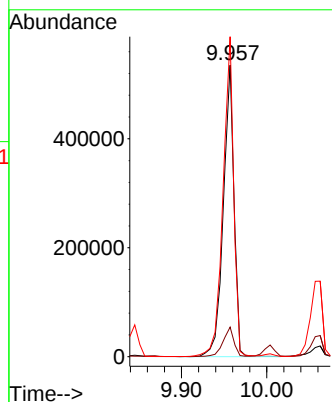
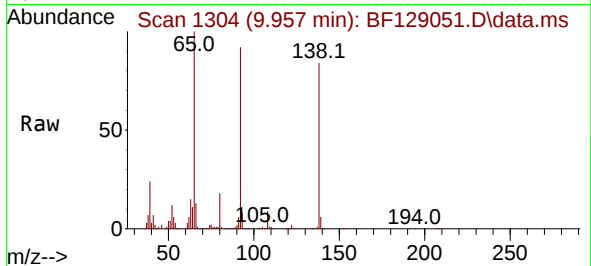




#53
3-Nitroaniline
Concen: 32.949 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

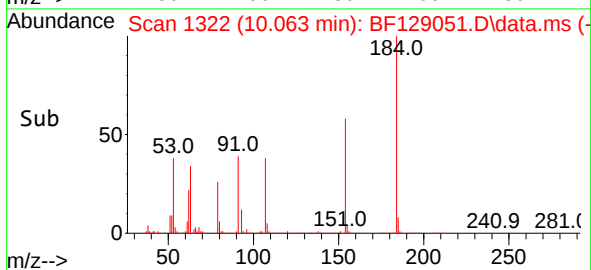
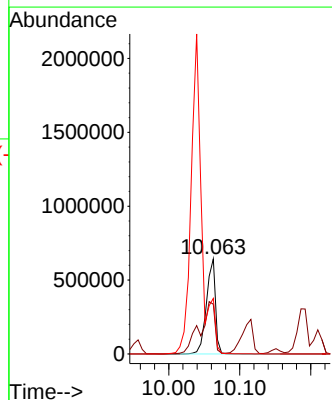
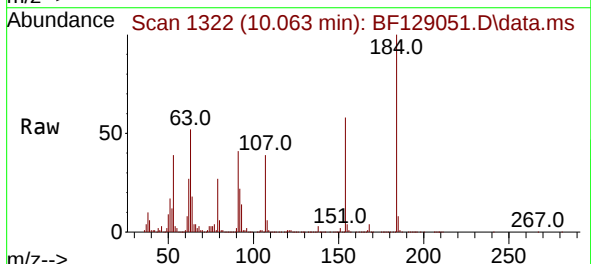
Instrument :
BNA_F
ClientSampleId :
PB145806BS

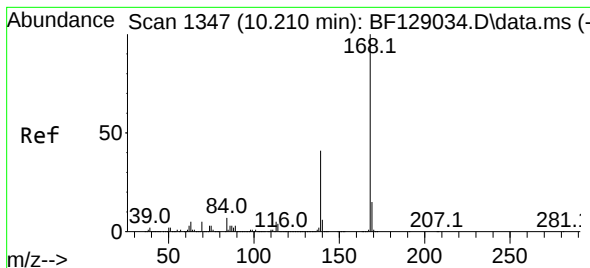
Tgt Ion:138 Resp: 466960
Ion Ratio Lower Upper
138 100
108 10.2 10.9 16.3#
92 109.7 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 87.996 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:184 Resp: 570365
Ion Ratio Lower Upper
184 100
63 52.4 64.5 96.7#
154 58.4 50.6 75.8

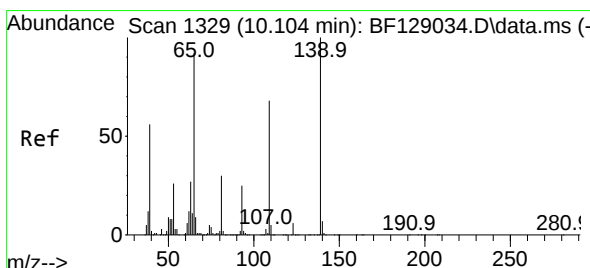
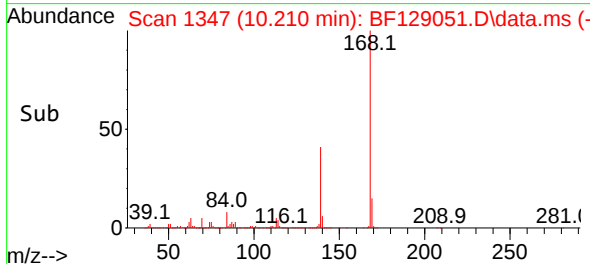
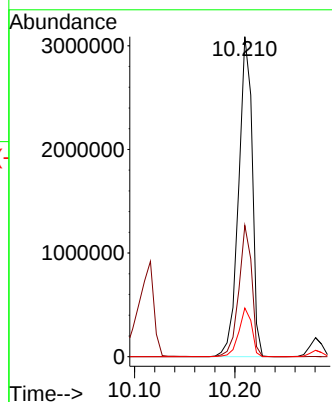
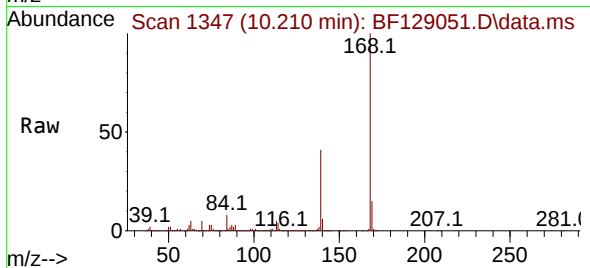




#55
Dibenzofuran
Concen: 39.224 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

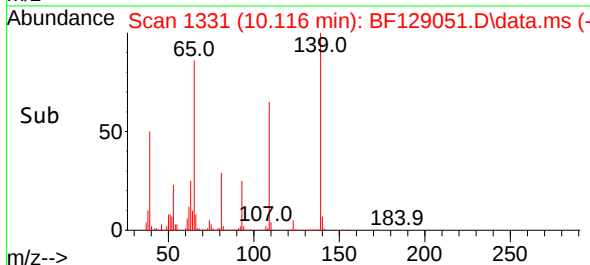
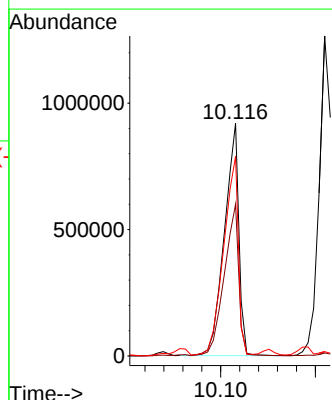
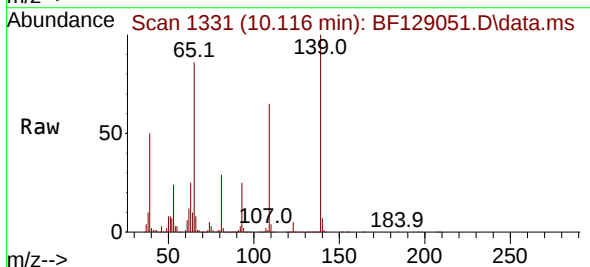
Instrument :
BNA_F
ClientSampleId :
PB145806BS

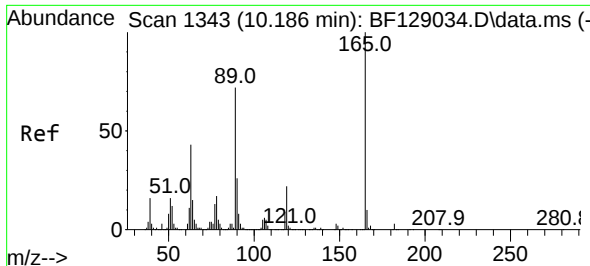
Tgt Ion:168 Resp: 2917673
Ion Ratio Lower Upper
168 100
139 41.0 30.6 46.0
169 15.2 11.0 16.6



#56
4-Nitrophenol
Concen: 84.440 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:139 Resp: 977784
Ion Ratio Lower Upper
139 100
109 65.2 50.7 90.7
65 85.8 74.5 114.5

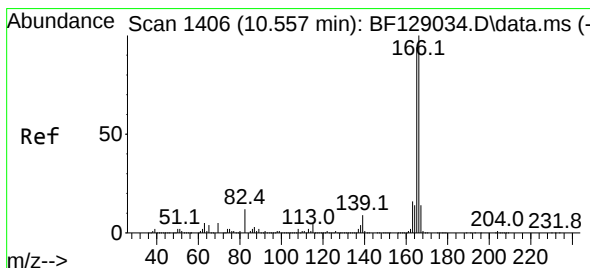
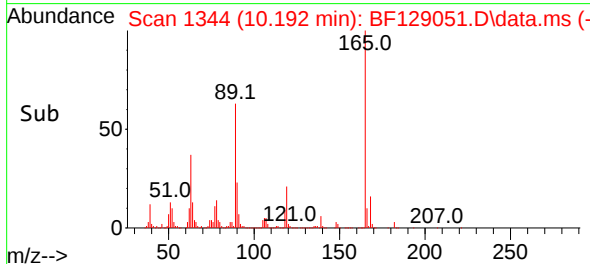
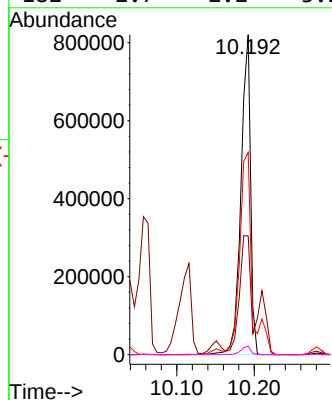
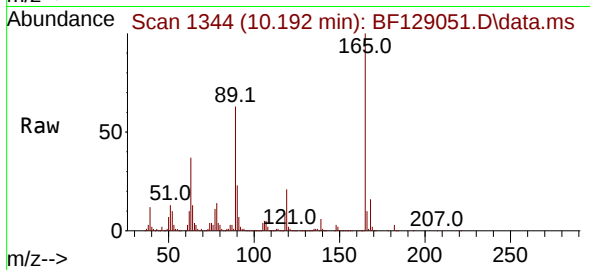




#57
2,4-Dinitrotoluene
Concen: 48.302 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

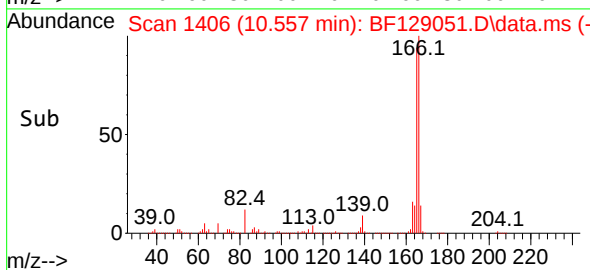
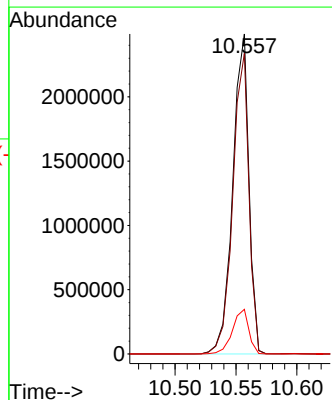
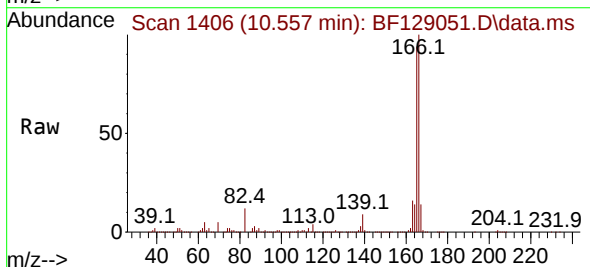
Instrument :
BNA_F
ClientSampleId :
PB145806BS

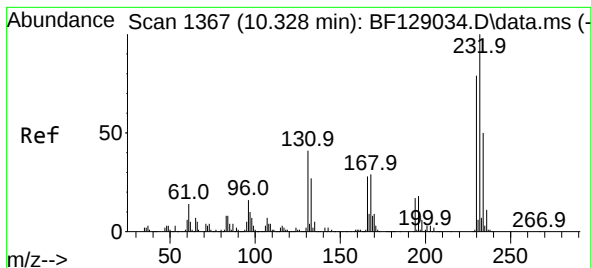
Tgt Ion:165 Resp: 708679
Ion Ratio Lower Upper
165 100
63 37.1 39.8 59.6#
89 63.2 60.2 90.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.989 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:166 Resp: 2300886
Ion Ratio Lower Upper
166 100
165 94.0 78.1 117.1
167 13.9 10.5 15.7

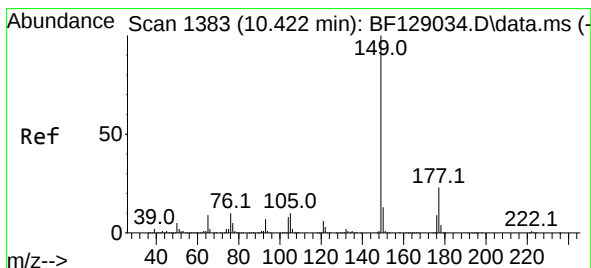
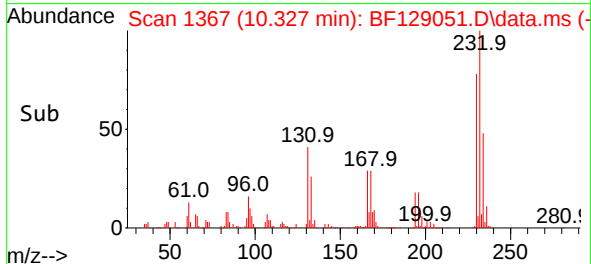
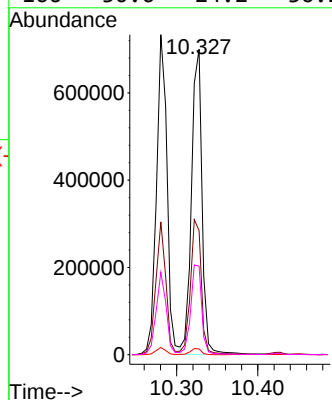
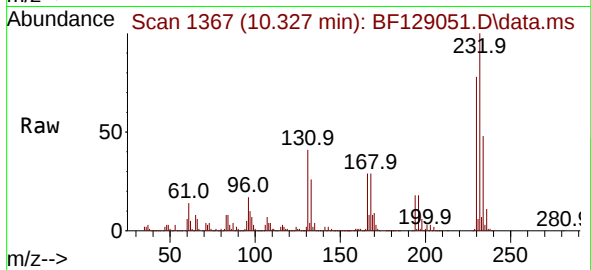




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.530 ng
RT: 10.327 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

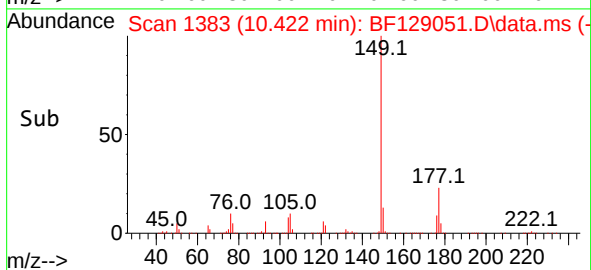
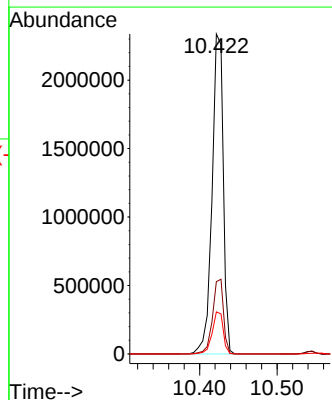
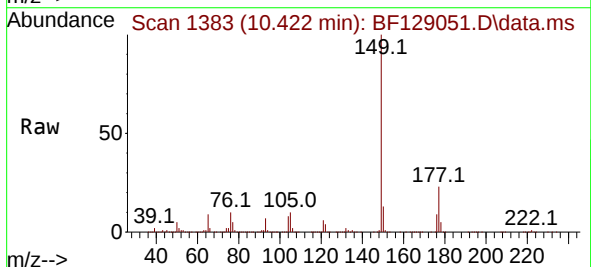
Instrument :
BNA_F
ClientSampleId :
PB145806BS

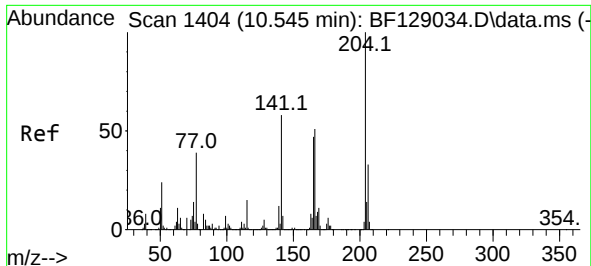
Tgt Ion:232 Resp: 635711
Ion Ratio Lower Upper
232 100
131 45.2 36.1 54.1
130 2.1 1.8 2.8
166 30.6 24.2 36.2



#60
Diethylphthalate
Concen: 40.385 ng
RT: 10.422 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:149 Resp: 2353503
Ion Ratio Lower Upper
149 100
177 22.6 17.3 25.9
150 13.2 10.2 15.2

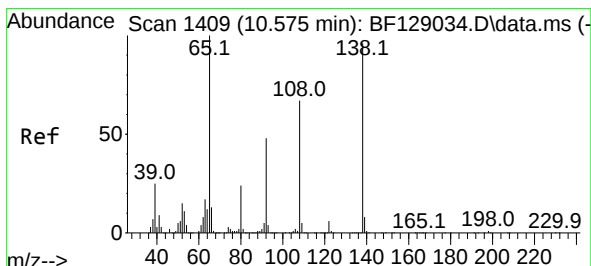
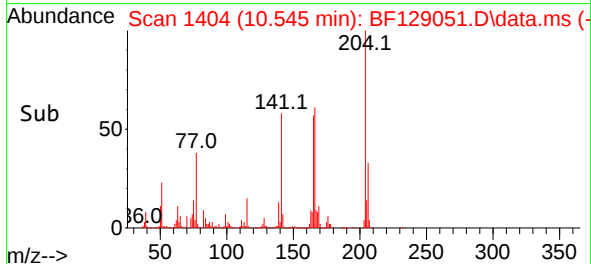
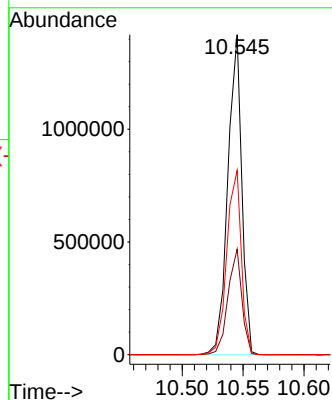
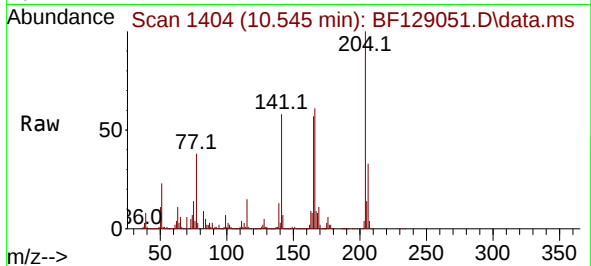




#61
4-Chlorophenyl-phenylether
Concen: 39.498 ng
RT: 10.545 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

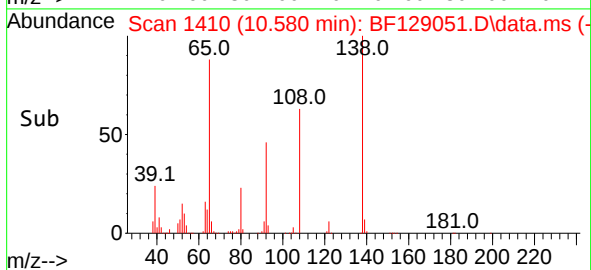
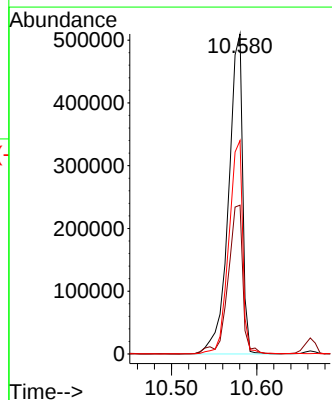
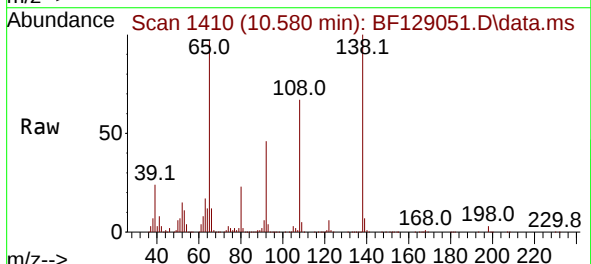
Instrument :
BNA_F
ClientSampleId :
PB145806BS

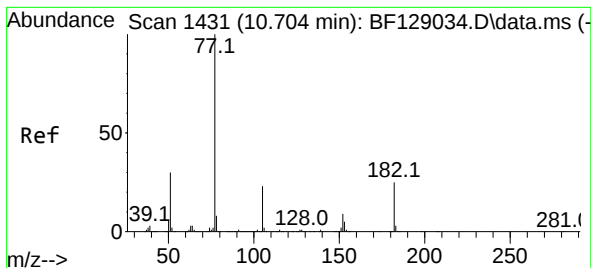
Tgt Ion:204 Resp: 1132320
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 57.6 47.0 70.4



#62
4-Nitroaniline
Concen: 41.758 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:138 Resp: 586855
Ion Ratio Lower Upper
138 100
92 46.5 33.5 73.5
108 66.7 61.0 101.0





#63

Azobenzene

Concen: 39.524 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB145806BS

Tgt Ion: 77 Resp: 2256663

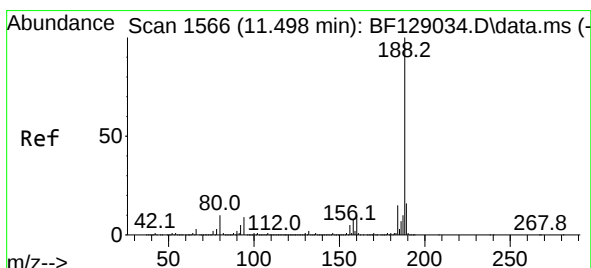
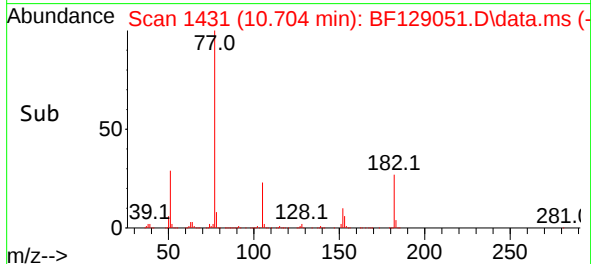
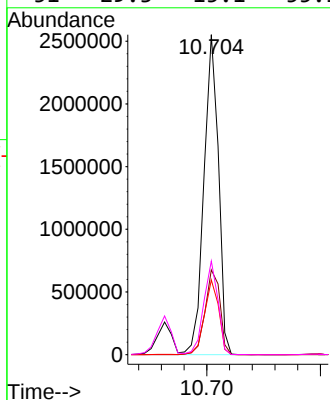
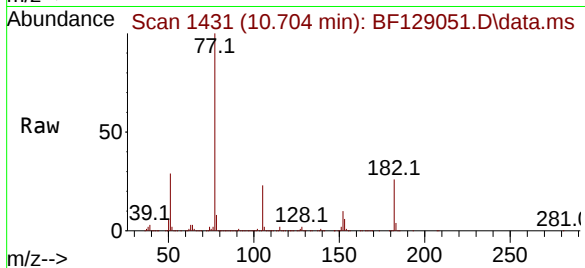
Ion Ratio Lower Upper

77 100

182 26.5 5.6 45.6

105 23.4 1.6 41.6

51 29.3 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: BF129051.D

Acq: 30 Jun 2022 11:27

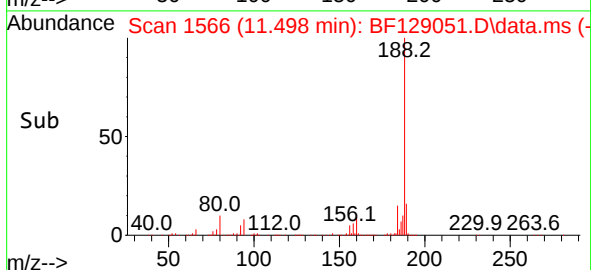
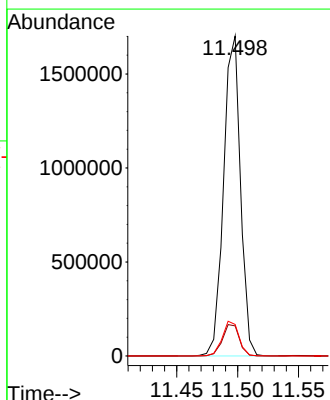
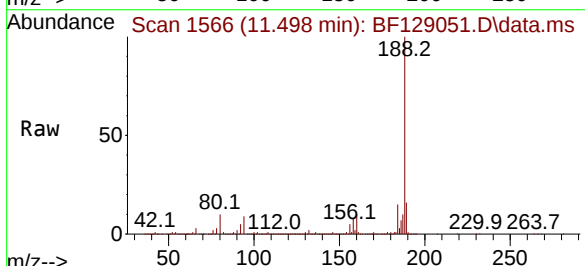
Tgt Ion: 188 Resp: 1644772

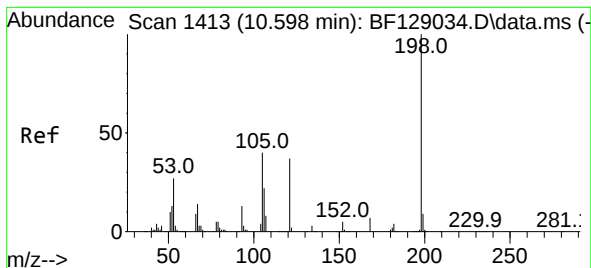
Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 9.8 7.6 11.4

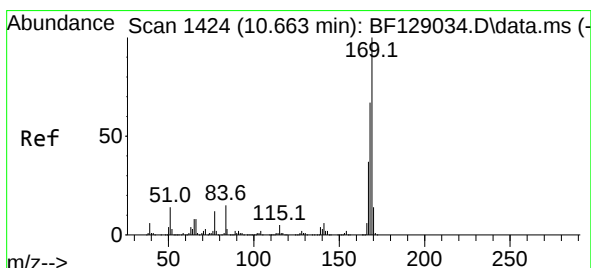
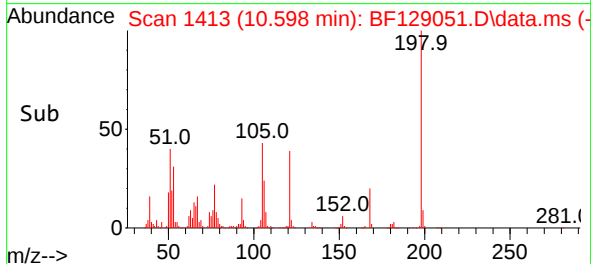
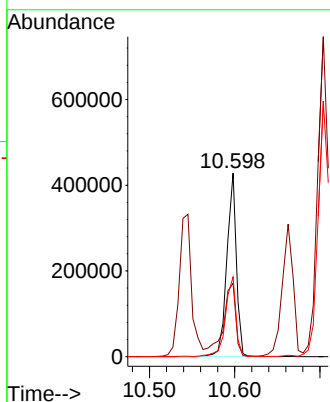
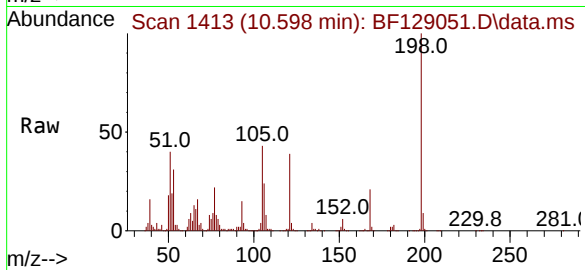




#65
4,6-Dinitro-2-methylphenol
Concen: 45.773 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

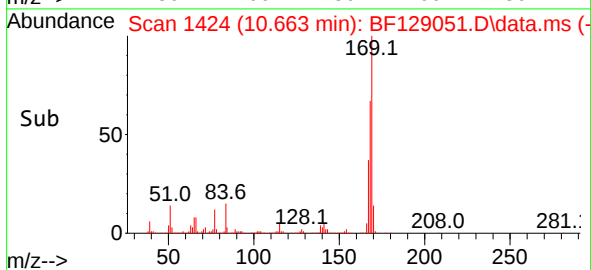
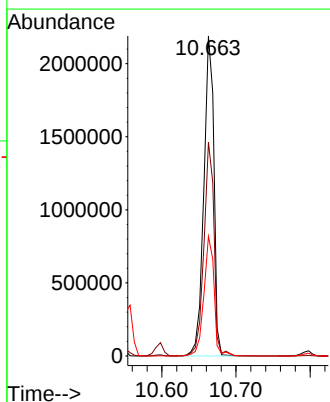
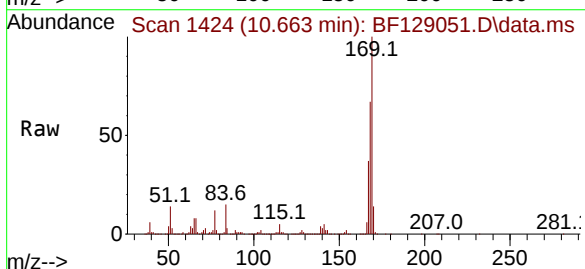
Instrument :
BNA_F
ClientSampleId :
PB145806BS

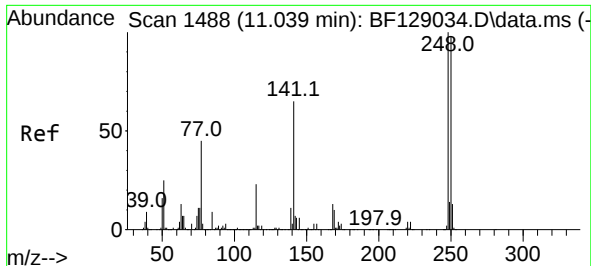
Tgt Ion:198 Resp: 333075
Ion Ratio Lower Upper
198 100
51 40.0 37.6 77.6
105 43.4 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 41.408 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:169 Resp: 2068430
Ion Ratio Lower Upper
169 100
168 66.7 50.1 75.1
167 37.4 27.9 41.9

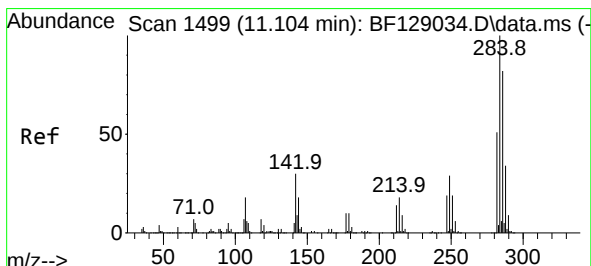
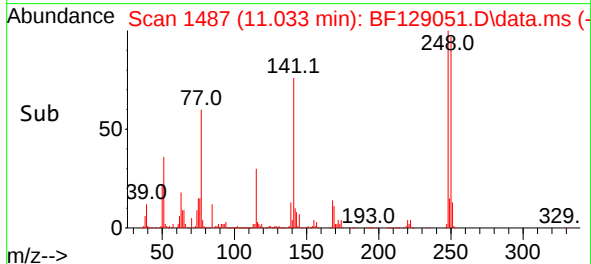
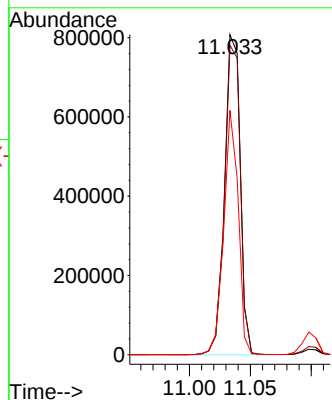
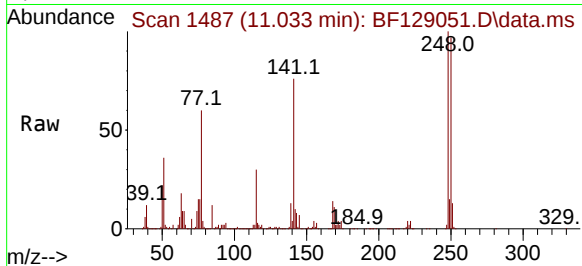




#67
4-Bromophenyl-phenylether
Concen: 41.506 ng
RT: 11.033 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

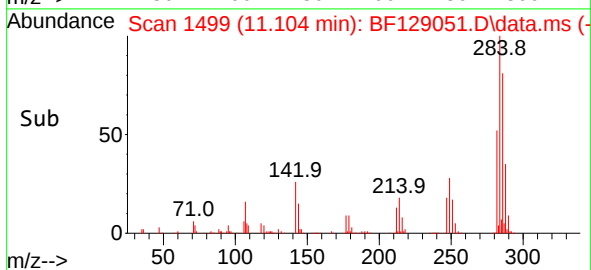
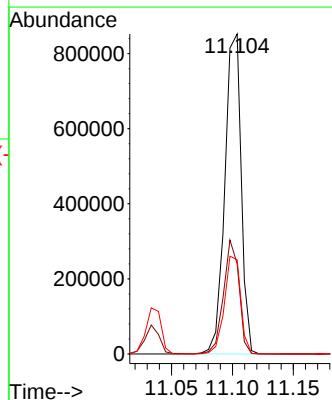
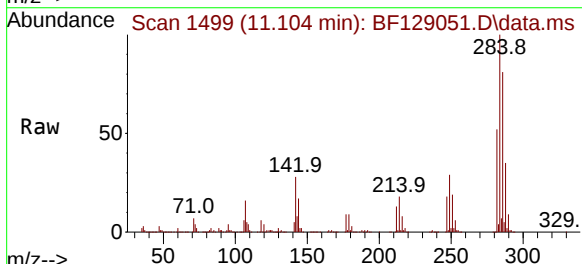
Instrument :
BNA_F
ClientSampleId :
PB145806BS

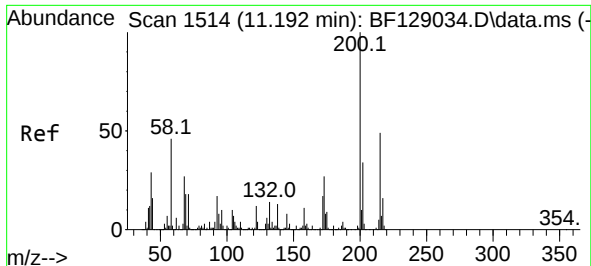
Tgt Ion:248 Resp: 726194
Ion Ratio Lower Upper
248 100
250 96.6 80.6 120.8
141 76.3 58.9 88.3



#68
Hexachlorobenzene
Concen: 41.019 ng
RT: 11.104 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:284 Resp: 799129
Ion Ratio Lower Upper
284 100
142 28.2 29.0 43.4#
249 29.5 25.0 37.6

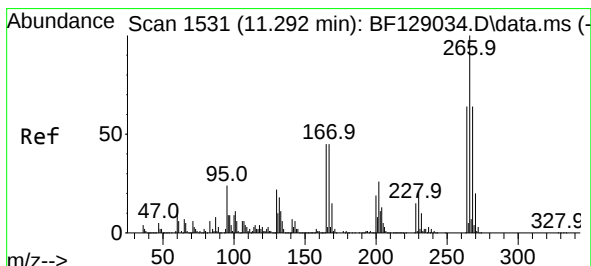
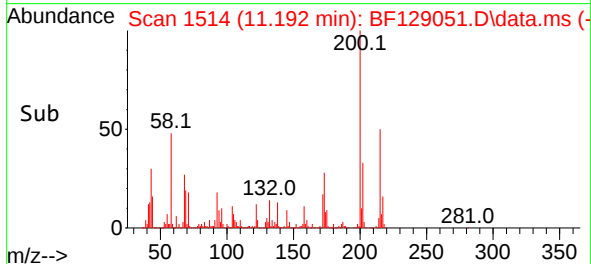
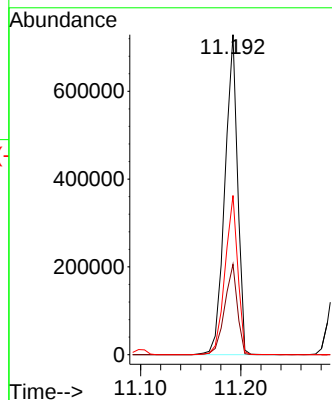
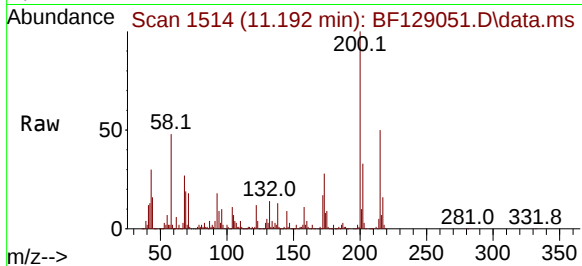




#69
 Atrazine
 Concen: 45.555 ng
 RT: 11.192 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129051.D
 Acq: 30 Jun 2022 11:27

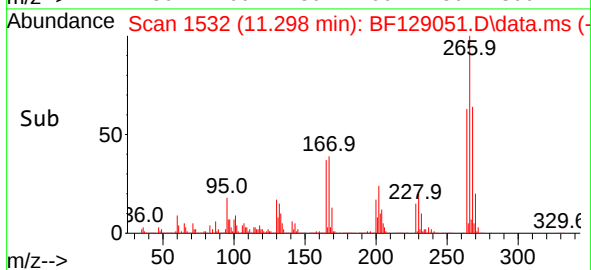
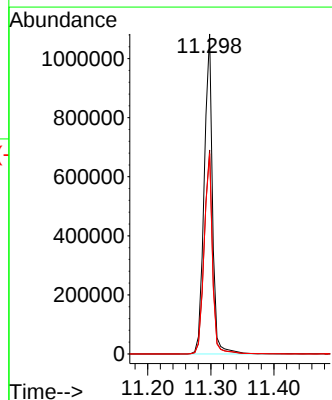
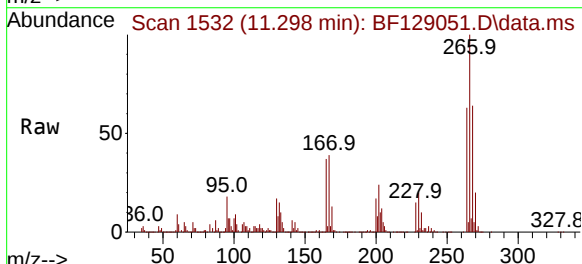
Instrument :
 BNA_F
 ClientSampleId :
 PB145806BS

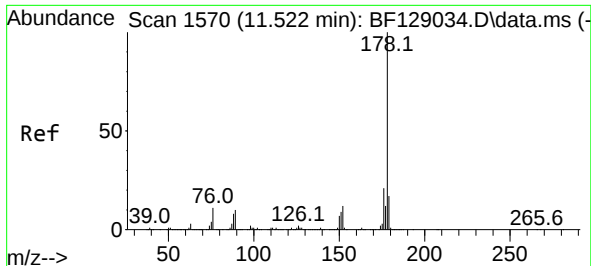
Tgt Ion:200 Resp: 640336
 Ion Ratio Lower Upper
 200 100
 173 28.3 6.3 46.3
 215 49.7 28.3 68.3



#70
 Pentachlorophenol
 Concen: 84.952 ng
 RT: 11.298 min Scan# 1532
 Delta R.T. 0.006 min
 Lab File: BF129051.D
 Acq: 30 Jun 2022 11:27

Tgt Ion:266 Resp: 985773
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.0 76.4
 264 62.6 49.4 74.2

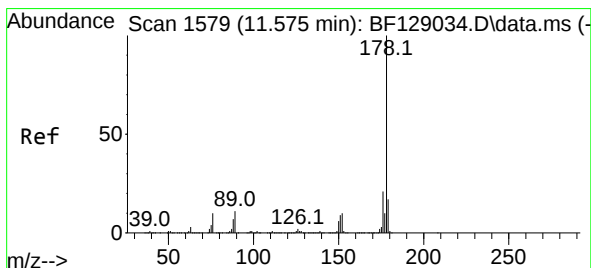
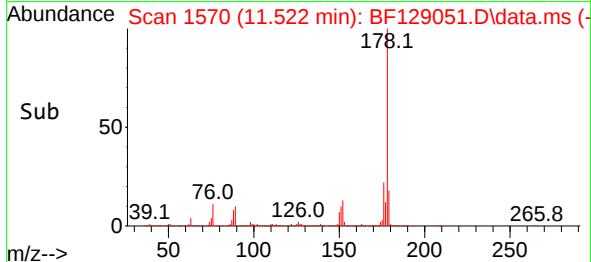
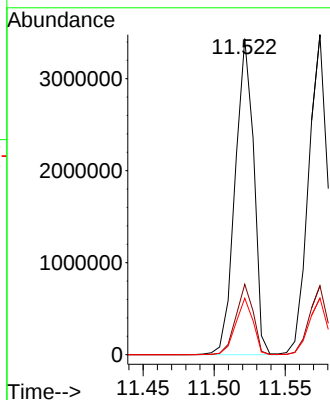
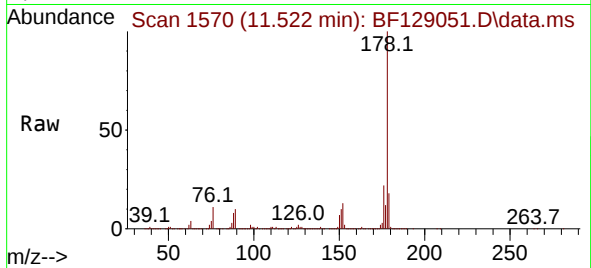




#71
Phenanthrene
Concen: 39.918 ng
RT: 11.522 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

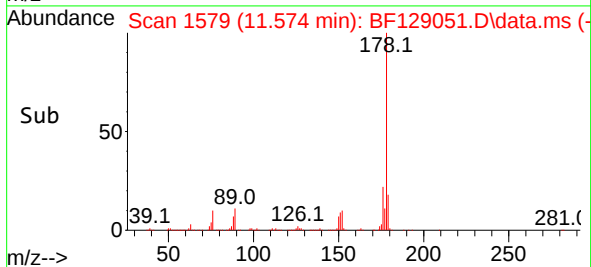
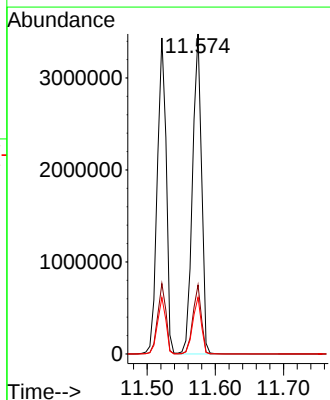
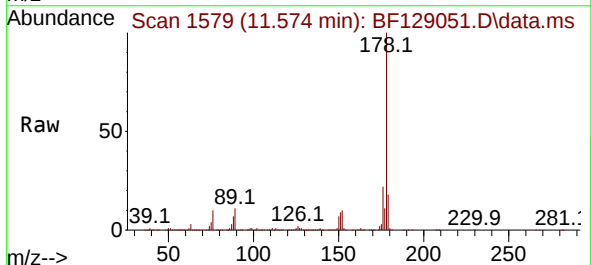
Instrument :
BNA_F
ClientSampleId :
PB145806BS

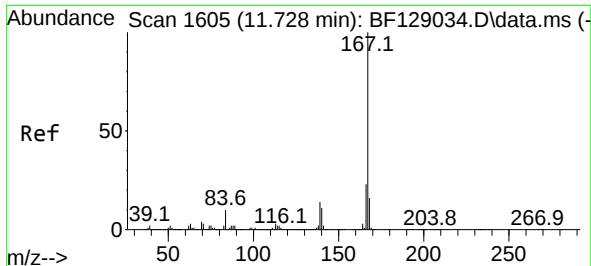
Tgt Ion:178 Resp: 3136996
Ion Ratio Lower Upper
178 100
176 22.3 16.0 24.0
179 17.9 12.6 19.0



#72
Anthracene
Concen: 41.348 ng
RT: 11.574 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:178 Resp: 3203700
Ion Ratio Lower Upper
178 100
176 21.6 15.4 23.2
179 17.7 12.6 19.0

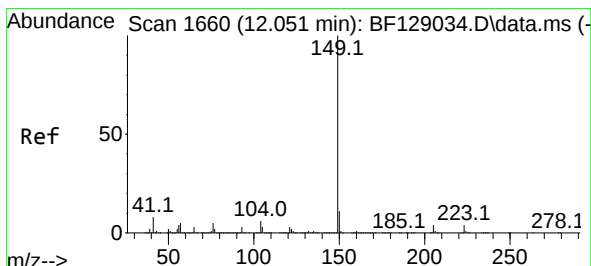
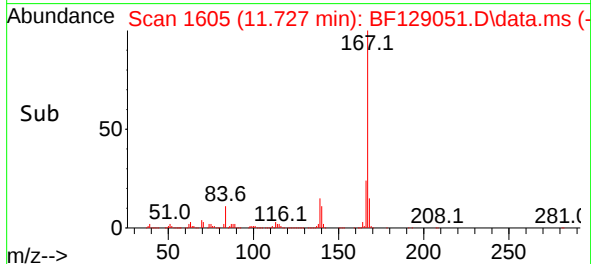
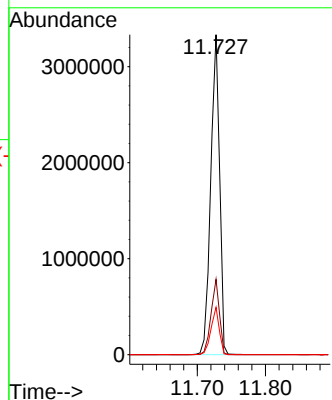
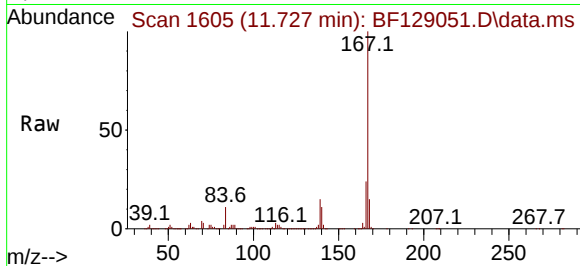




#73
 Carbazole
 Concen: 38.891 ng
 RT: 11.727 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF129051.D
 Acq: 30 Jun 2022 11:27

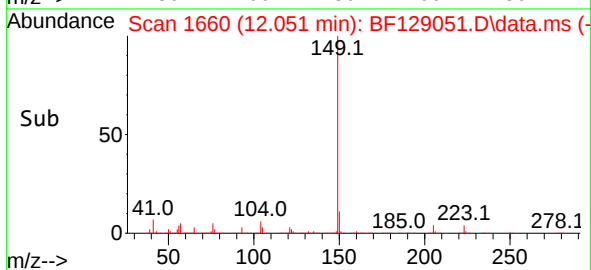
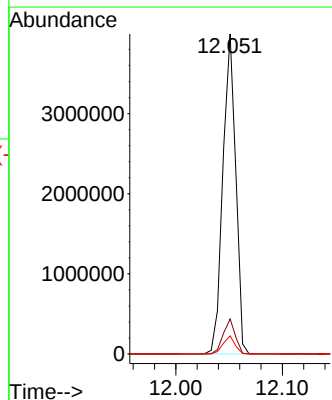
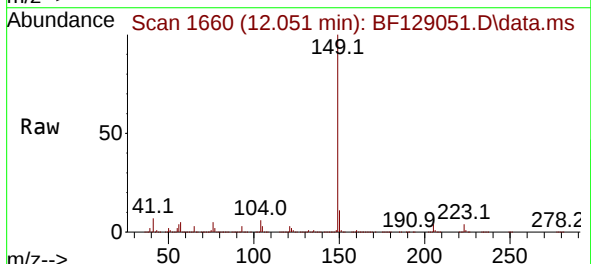
Instrument :
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 PB145806BS

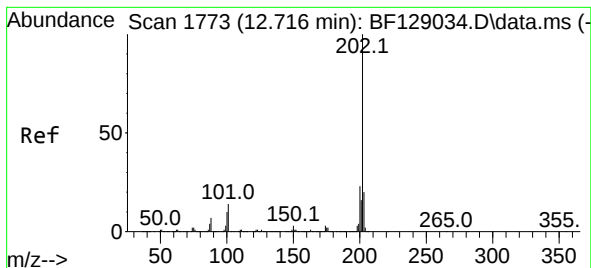
Tgt Ion:167 Resp: 3019441
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.7 26.5
 139 14.8 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 40.691 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF129051.D
 Acq: 30 Jun 2022 11:27

Tgt Ion:149 Resp: 3330991
 Ion Ratio Lower Upper
 149 100
 150 10.9 7.5 11.3
 104 5.6 4.4 6.6





#75

Fluoranthene

Concen: 40.318 ng

RT: 12.716 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB145806BS

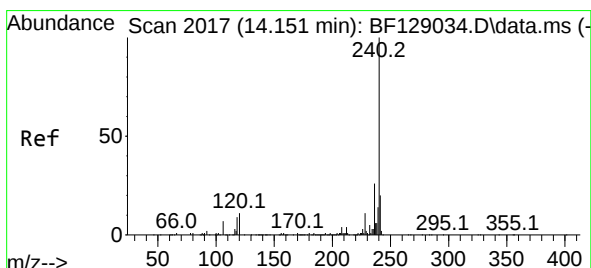
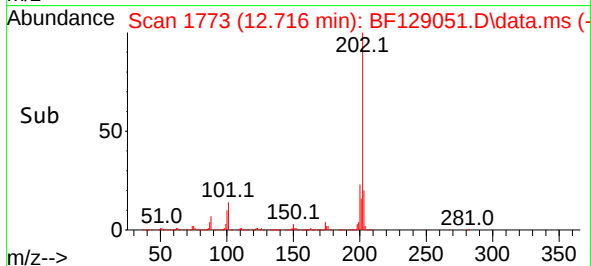
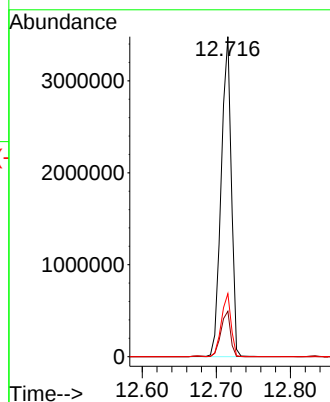
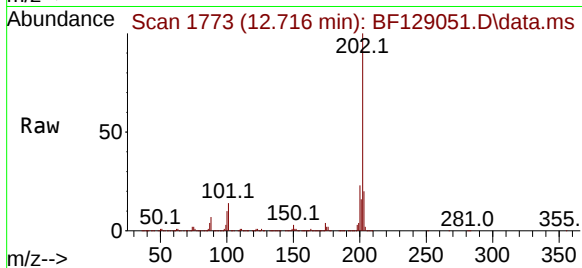
Tgt Ion:202 Resp: 3313659

Ion Ratio Lower Upper

202 100

101 14.2 0.0 31.4

203 19.7 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.151 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

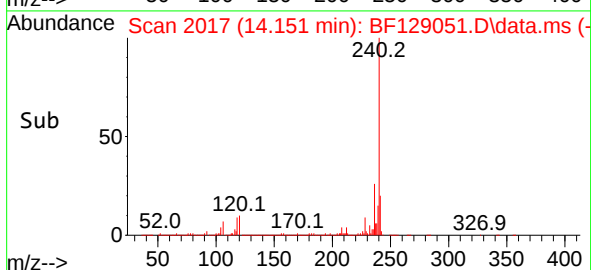
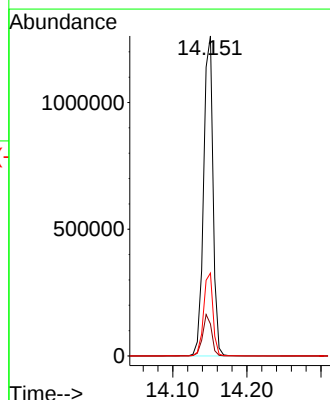
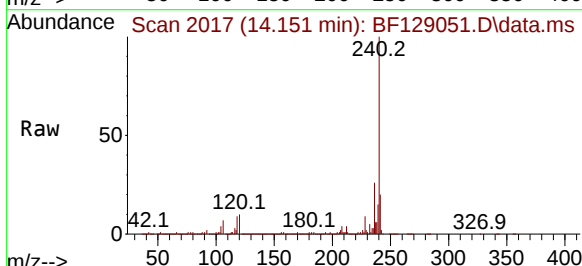
Tgt Ion:240 Resp: 1113498

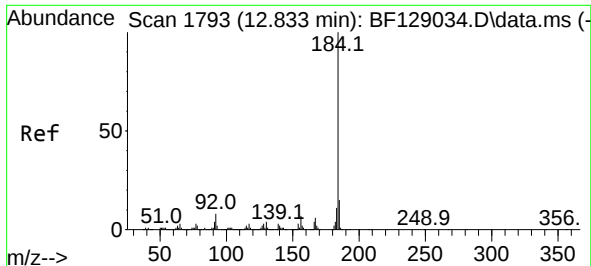
Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

236 25.9 20.8 31.2

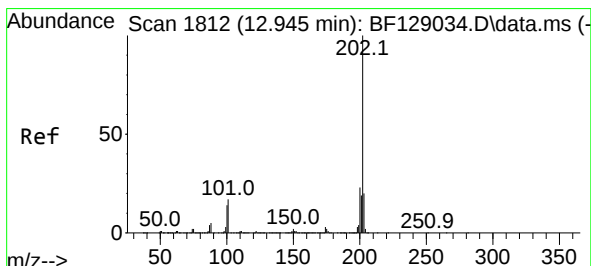
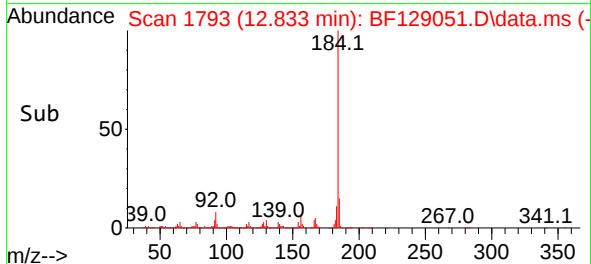
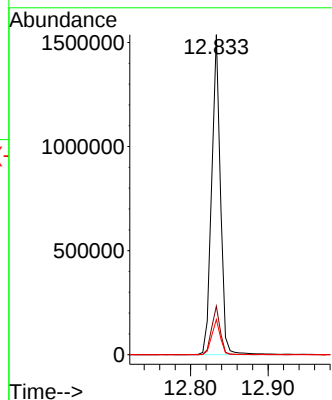
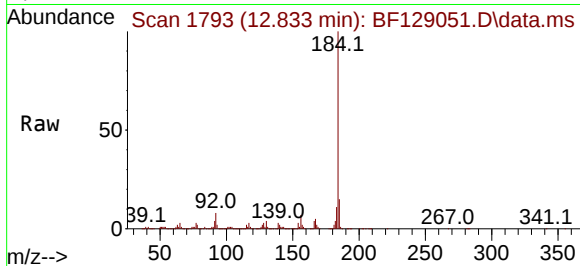




#77
Benzidine
Concen: 60.786 ng
RT: 12.833 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

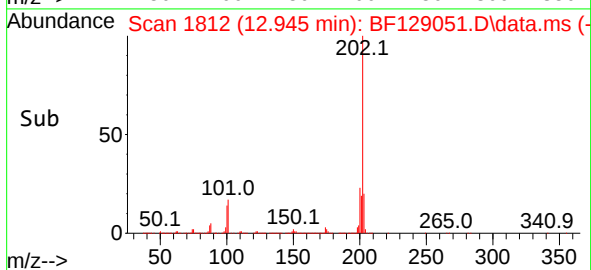
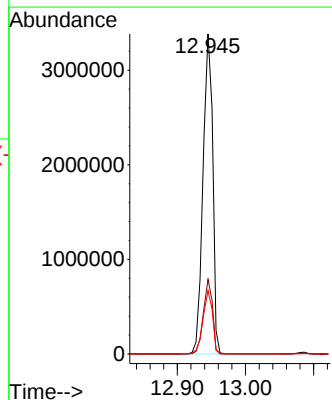
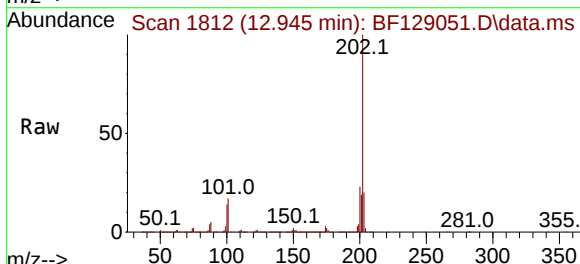
Instrument :
BNA_F
ClientSampleId :
PB145806BS

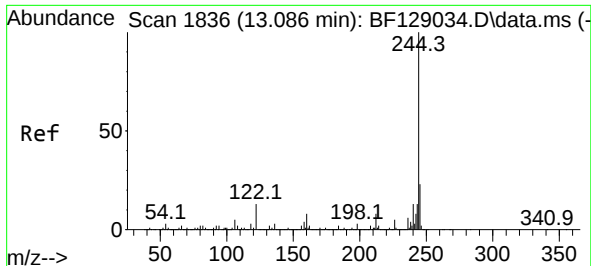
Tgt Ion:184 Resp: 1205228
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 11.0 9.3 13.9



#78
Pyrene
Concen: 43.419 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:202 Resp: 3351189
Ion Ratio Lower Upper
202 100
200 23.3 17.7 26.5
203 19.8 14.6 21.8

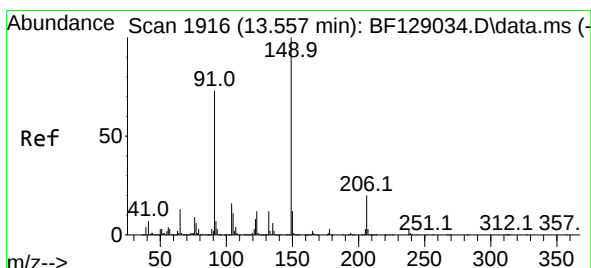
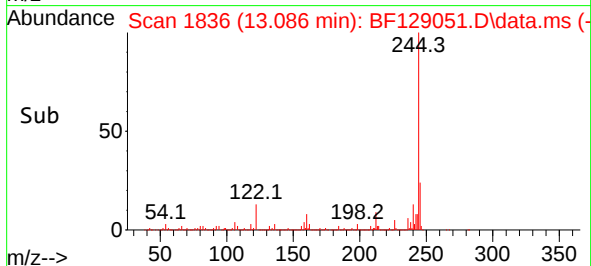
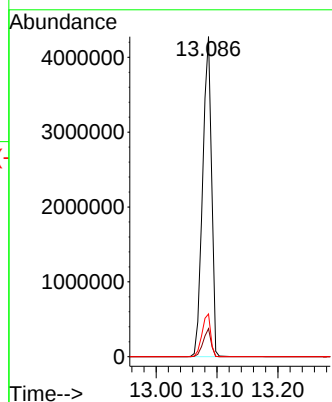
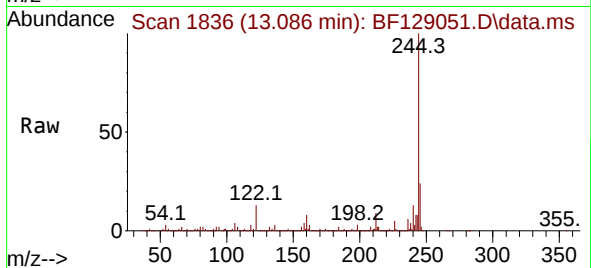




#79
 Terphenyl-d14
 Concen: 80.817 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF129051.D
 Acq: 30 Jun 2022 11:27

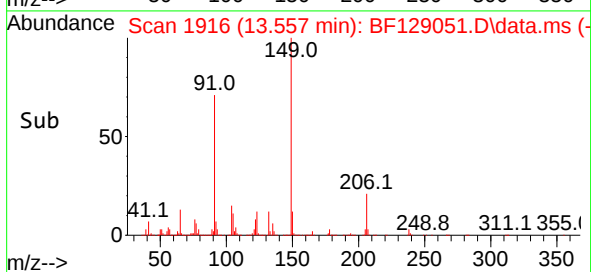
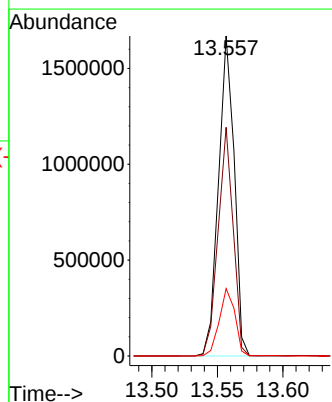
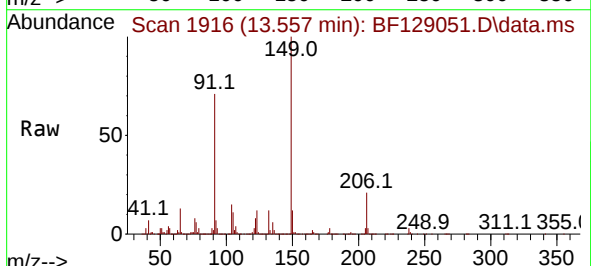
Instrument :
 BNA_F
 ClientSampleId :
 PB145806BS

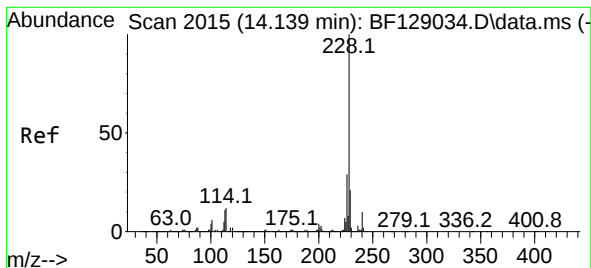
Tgt Ion:244 Resp: 4333417
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.1 9.1
 122 13.4 8.8 13.2#



#80
 Butylbenzylphthalate
 Concen: 44.141 ng
 RT: 13.557 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF129051.D
 Acq: 30 Jun 2022 11:27

Tgt Ion:149 Resp: 1387929
 Ion Ratio Lower Upper
 149 100
 91 71.4 61.2 91.8
 206 21.1 15.7 23.5





#81

Benzo(a)anthracene

Concen: 41.962 ng

RT: 14.139 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB145806BS

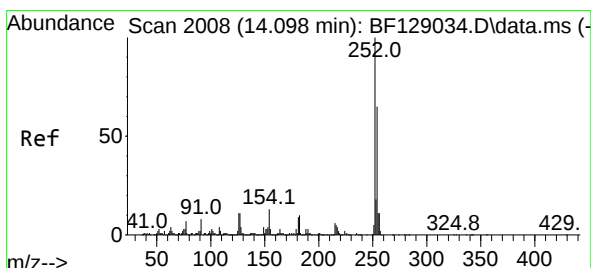
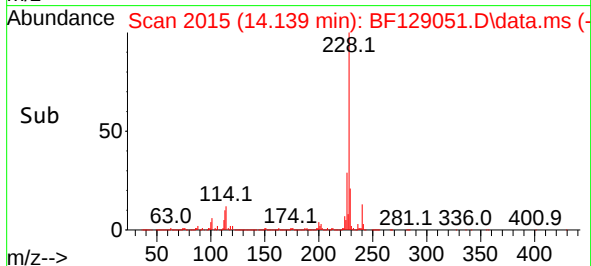
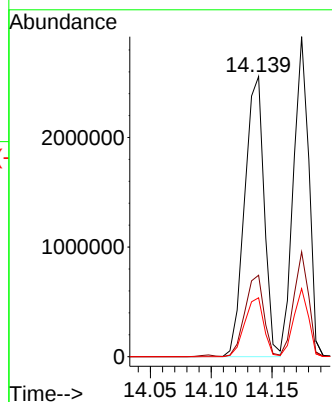
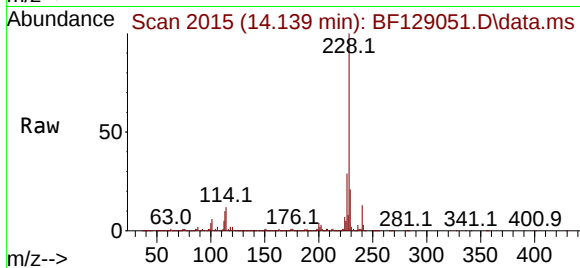
Tgt Ion:228 Resp: 2852893

Ion Ratio Lower Upper

228 100

226 29.1 22.1 33.1

229 21.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 51.759 ng

RT: 14.098 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

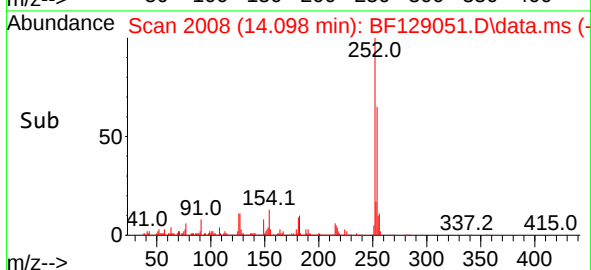
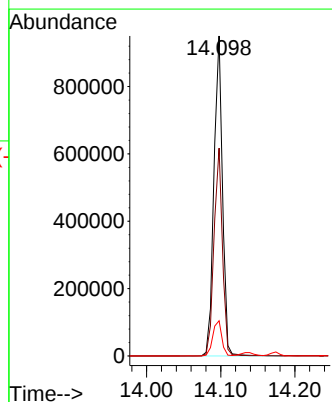
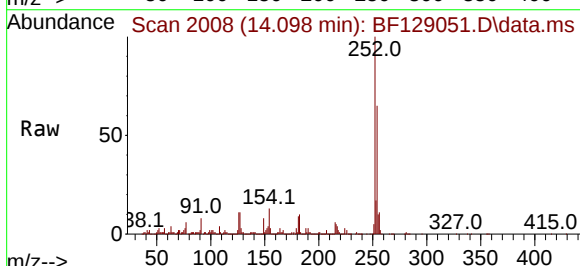
Tgt Ion:252 Resp: 760373

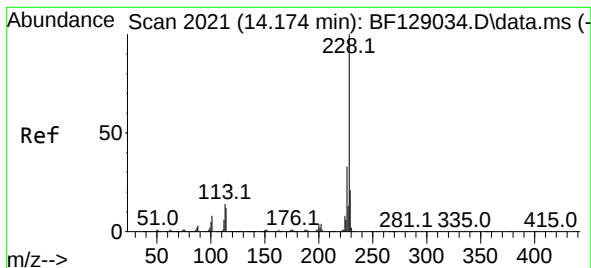
Ion Ratio Lower Upper

252 100

254 64.9 50.2 75.4

126 11.0 8.2 12.4





#83

Chrysene

Concen: 40.528 ng

RT: 14.174 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB145806BS

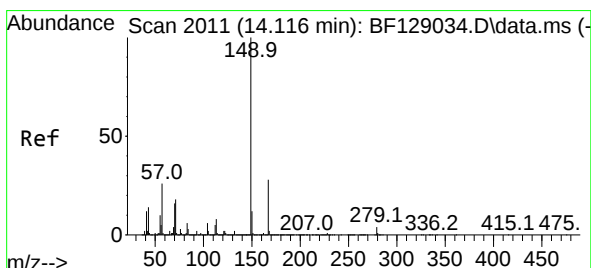
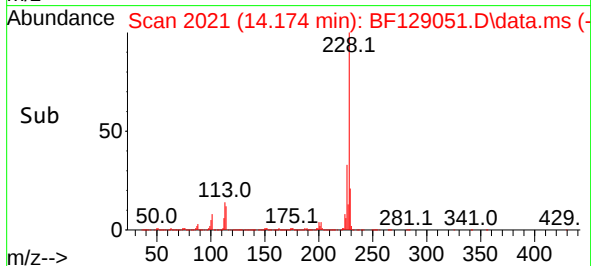
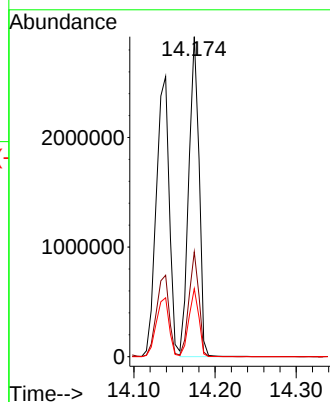
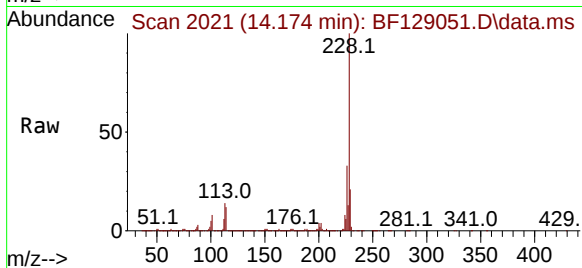
Tgt Ion:228 Resp: 2558033

Ion Ratio Lower Upper

228 100

226 32.8 24.3 36.5

229 21.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.295 ng

RT: 14.115 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

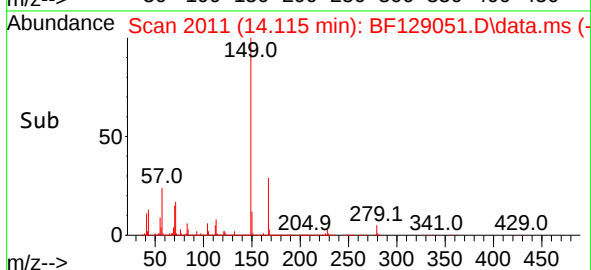
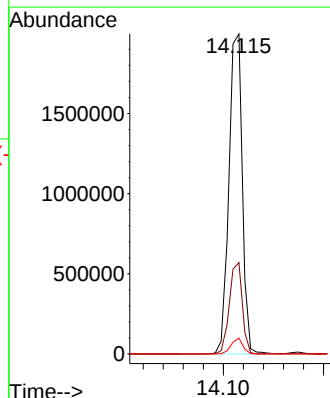
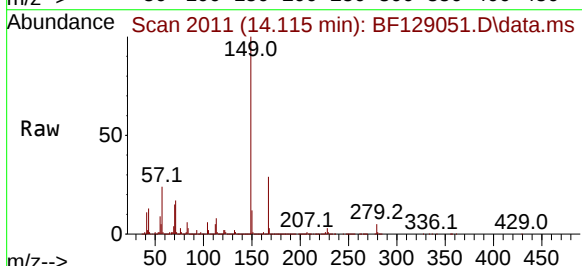
Tgt Ion:149 Resp: 1850969

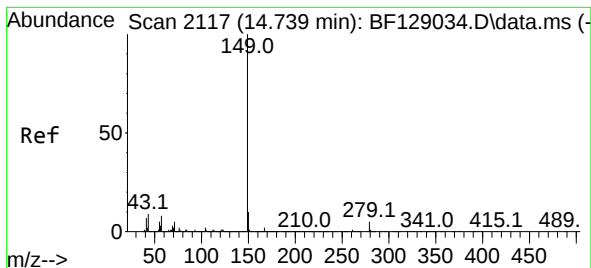
Ion Ratio Lower Upper

149 100

167 28.5 21.0 31.4

279 5.0 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 43.290 ng

RT: 14.733 min Scan# 2117

Delta R.T. -0.006 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB145806BS

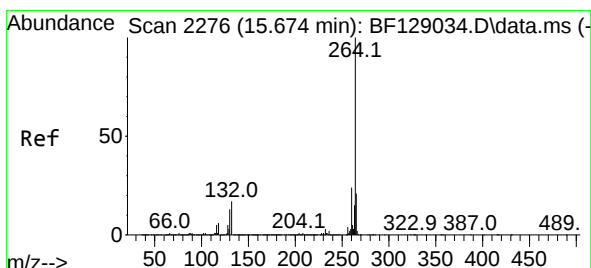
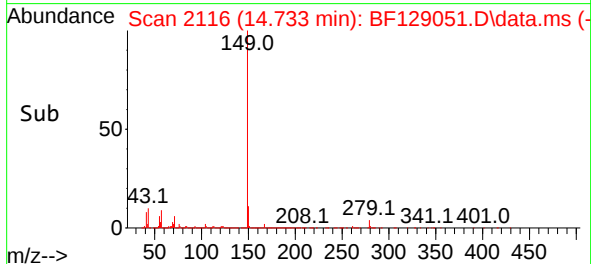
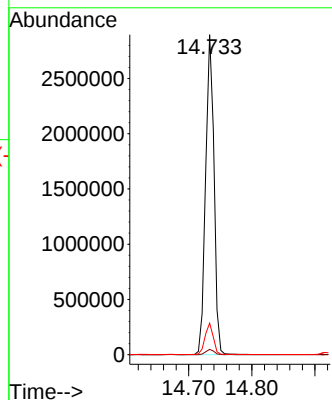
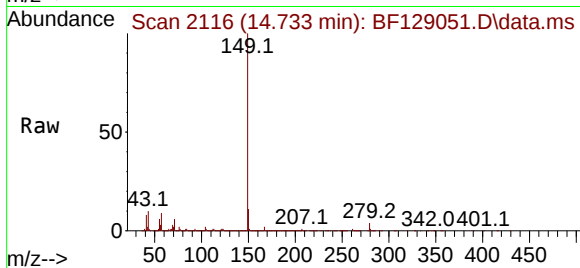
Tgt Ion:149 Resp: 2670425

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.6 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: BF129051.D

Acq: 30 Jun 2022 11:27

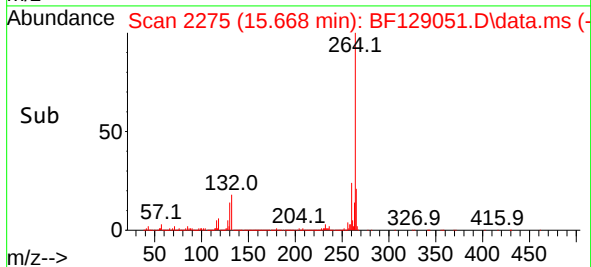
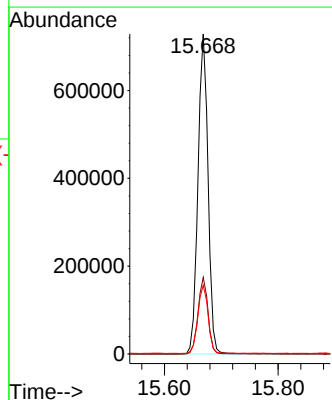
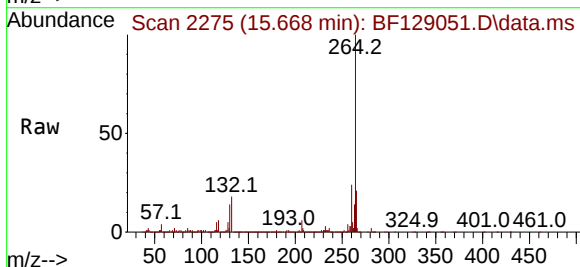
Tgt Ion:264 Resp: 903254

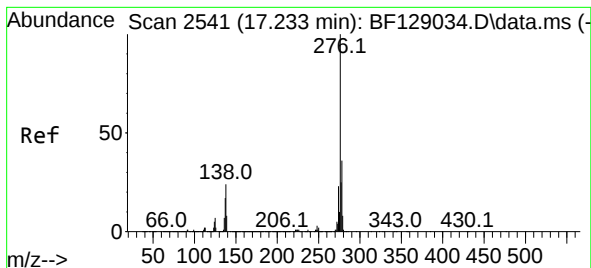
Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.4 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.005 ng

RT: 17.233 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB145806BS

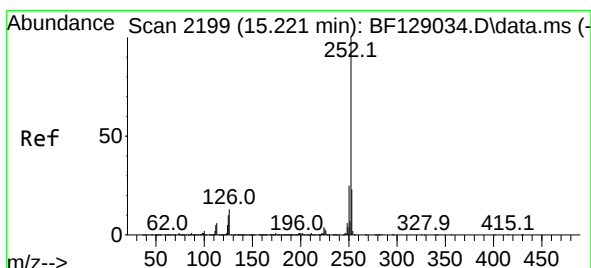
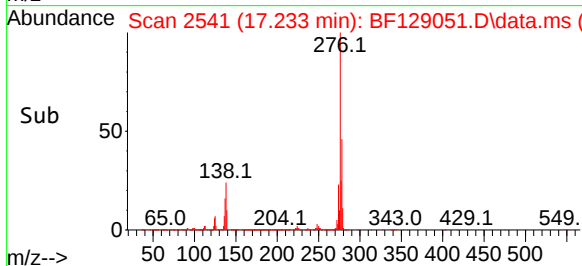
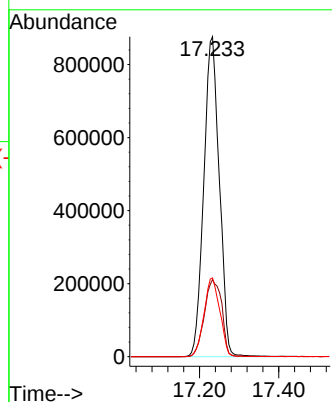
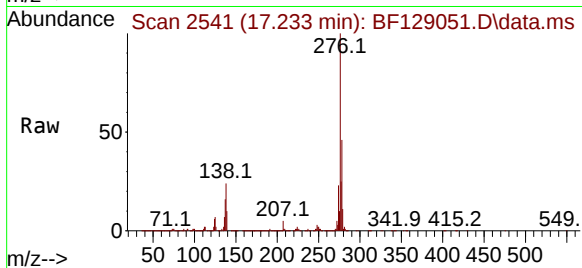
Tgt Ion:276 Resp: 2382421

Ion Ratio Lower Upper

276 100

138 26.9 21.1 31.7

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.403 ng

RT: 15.215 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

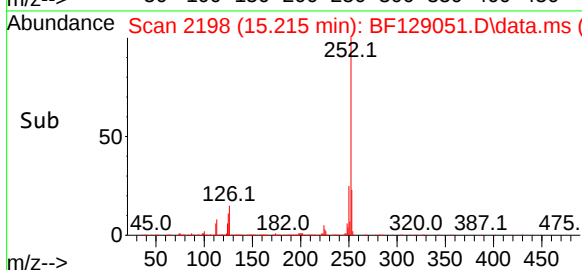
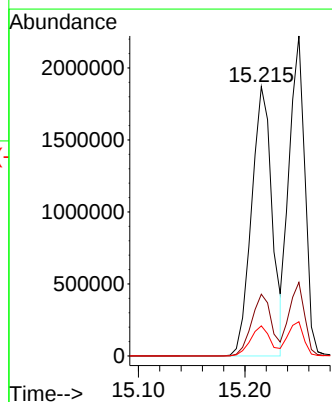
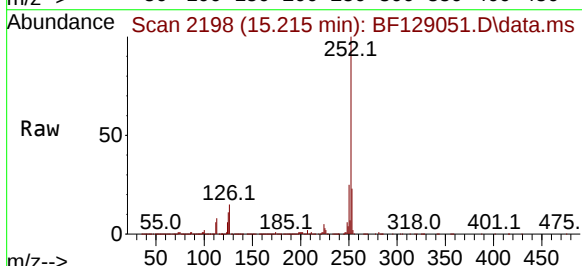
Tgt Ion:252 Resp: 2520687

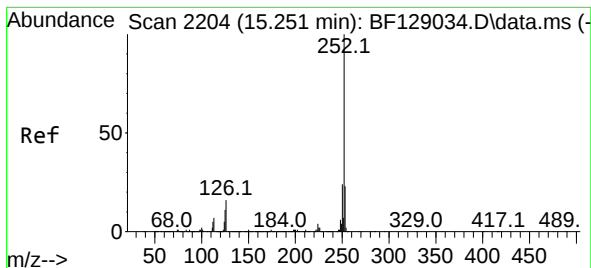
Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 11.2 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 43.631 ng

RT: 15.251 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

Instrument :

BNA_F

ClientSampleId :

PB145806BS

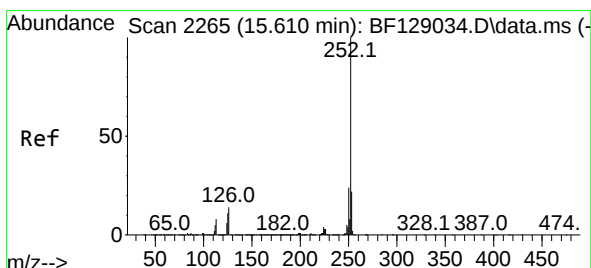
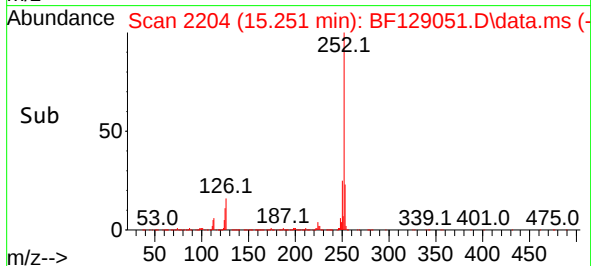
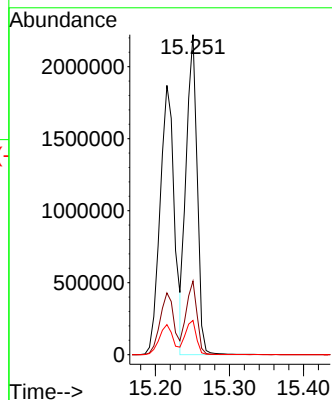
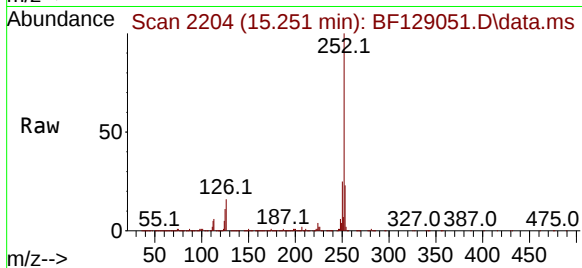
Tgt Ion:252 Resp: 2298829

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 10.7 8.3 12.5



#90

Benzo(a)pyrene

Concen: 50.705 ng

RT: 15.609 min Scan# 2265

Delta R.T. -0.000 min

Lab File: BF129051.D

Acq: 30 Jun 2022 11:27

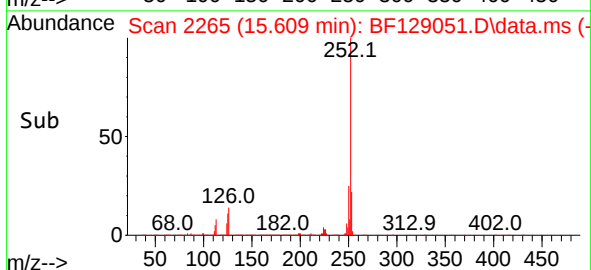
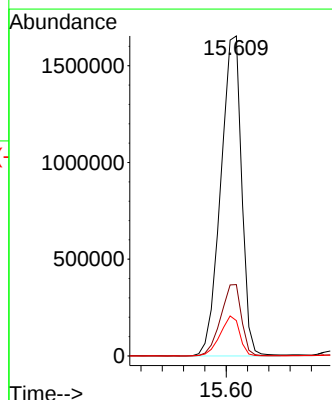
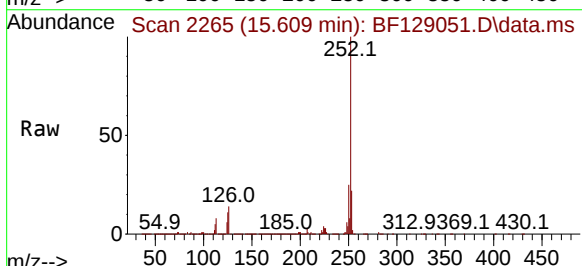
Tgt Ion:252 Resp: 2245401

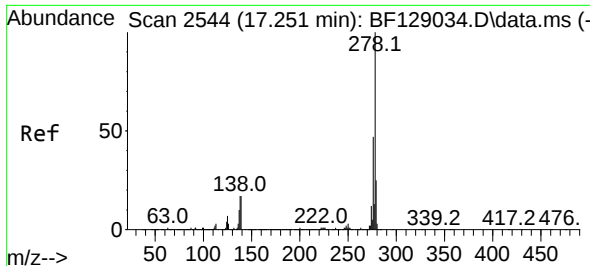
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 11.0 8.8 13.2

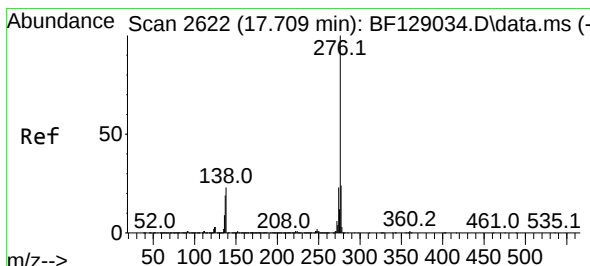
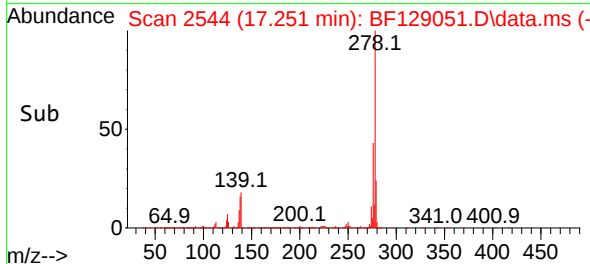
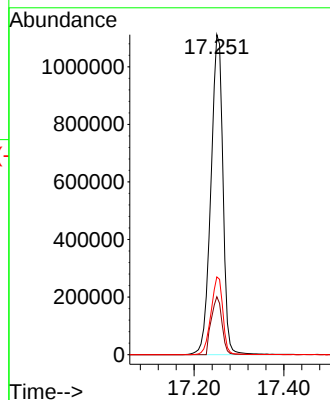
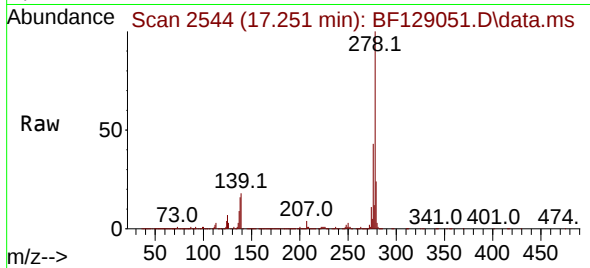




#91
Dibenzo(a,h)anthracene
Concen: 45.841 ng
RT: 17.251 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Instrument :
BNA_F
ClientSampleId :
PB145806BS

Tgt Ion:278 Resp: 2070191
Ion Ratio Lower Upper
278 100
139 18.1 12.8 19.2
279 24.3 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 45.332 ng
RT: 17.709 min Scan# 2622
Delta R.T. -0.000 min
Lab File: BF129051.D
Acq: 30 Jun 2022 11:27

Tgt Ion:276 Resp: 2053913
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 22.7 18.0 27.0

