

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129095.D
 Acq On : 01 Jul 2022 16:55
 Operator : CG\JU
 Sample : N3561-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-4MS

Quant Time: Jul 02 01:25:38 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	356956	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1372869	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	710500	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1242341	20.000	ng	# 0.00
76) Chrysene-d12	14.145	240	760925	20.000	ng	0.00
86) Perylene-d12	15.662	264	610437	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.586	112	2339685	110.813	ng	0.00
7) Phenol-d6	6.580	99	2976720	113.517	ng	0.00
23) Nitrobenzene-d5	7.522	82	1887049	81.986	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	886949	114.806	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3361742	75.694	ng	0.00
79) Terphenyl-d14	13.080	244	3356915	91.613	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	411337	43.698	ng	87
3) Pyridine	3.669	79	1118445	48.653	ng	84
4) n-Nitrosodimethylamine	3.604	42	503361	48.329	ng	81
6) Aniline	6.622	93	1497230	51.053	ng	98
8) 2-Chlorophenol	6.739	128	1149091	51.801	ng	97
9) Benzaldehyde	6.510	77	671165	69.338	ng	99
10) Phenol	6.598	94	1356798	51.069	ng	89
11) bis(2-Chloroethyl)ether	6.692	93	1082673	51.486	ng	90
12) 1,3-Dichlorobenzene	6.898	146	1220467	49.980	ng	97
13) 1,4-Dichlorobenzene	6.975	146	1229638	49.924	ng	99
14) 1,2-Dichlorobenzene	7.127	146	1184157	51.144	ng	99
15) Benzyl Alcohol	7.098	79	918598	49.801	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.227	45	1537145	51.179	ng	91
17) 2-Methylphenol	7.204	107	921317	51.040	ng	97
18) Hexachloroethane	7.469	117	453880	52.489	ng	91
19) n-Nitroso-di-n-propyla...	7.369	70	766941	50.559	ng	88
20) 3+4-Methylphenols	7.357	107	1140740	49.696	ng	93
22) Acetophenone	7.369	105	1526340	48.465	ng	# 93
24) Nitrobenzene	7.539	77	1149000	51.594	ng	95
25) Isophorone	7.780	82	2140703	55.032	ng	97
26) 2-Nitrophenol	7.857	139	612157	59.145	ng	# 84
27) 2,4-Dimethylphenol	7.886	122	1079690	57.781	ng	96
28) bis(2-Chloroethoxy)met...	7.986	93	1335219	49.980	ng	98
29) 2,4-Dichlorophenol	8.092	162	953073	50.006	ng	99
30) 1,2,4-Trichlorobenzene	8.180	180	992270	47.311	ng	97
31) Naphthalene	8.263	128	3088501	49.555	ng	97
32) Benzoic acid	8.004	122	596164	39.765	ng	96
33) 4-Chloroaniline	8.310	127	982120	39.107	ng	96
34) Hexachlorobutadiene	8.374	225	602542	48.113	ng	99
35) Caprolactam	8.692	113	177415	29.355	ng	# 73
36) 4-Chloro-3-methylphenol	8.786	107	972080	50.199	ng	92
37) 2-Methylnaphthalene	8.957	142	2111738	50.354	ng	99
38) 1-Methylnaphthalene	9.057	142	2003616	49.196	ng	99
40) 1,2,4,5-Tetrachloroben...	9.121	216	976437	48.893	ng	99
41) Hexachlorocyclopentadiene	9.110	237	1238168	117.454	ng	99
43) 2,4,6-Trichlorophenol	9.227	196	679908	49.982	ng	99

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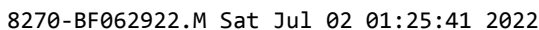
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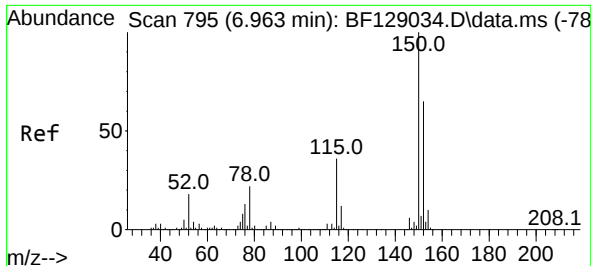
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	702025	48.518	ng	97
46) 1,1'-Biphenyl	9.421	154	2550029	49.922	ng	98
47) 2-Chloronaphthalene	9.445	162	1948667	49.401	ng	99
48) 2-Nitroaniline	9.539	65	575976	55.440	ng #	85
49) Acenaphthylene	9.863	152	3052687	50.931	ng	97
50) Dimethylphthalate	9.721	163	2202885	49.560	ng	98
51) 2,6-Dinitrotoluene	9.780	165	512714	56.449	ng	99
52) Acenaphthene	10.039	154	2092502	53.596	ng	99
53) 3-Nitroaniline	9.957	138	458801	42.358	ng #	82
54) 2,4-Dinitrophenol	10.057	184	438953	88.562	ng #	85
55) Dibenzofuran	10.210	168	2735704	48.122	ng	96
56) 4-Nitrophenol	10.110	139	885318	100.037	ng	94
57) 2,4-Dinitrotoluene	10.186	165	673164	60.034	ng	93
58) Fluorene	10.551	166	2156269	49.035	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.321	232	580841	48.455	ng	100
60) Diethylphthalate	10.421	149	2179594	48.937	ng	97
61) 4-Chlorophenyl-phenylether	10.539	204	1053445	48.081	ng	95
62) 4-Nitroaniline	10.574	138	551582	51.354	ng	87
63) Azobenzene	10.704	77	2111773	48.394	ng	92
65) 4,6-Dinitro-2-methylph...	10.592	198	292870	53.285	ng	92
66) n-Nitrosodiphenylamine	10.663	169	1915622	50.771	ng	95
67) 4-Bromophenyl-phenylether	11.033	248	682093	51.614	ng	98
68) Hexachlorobenzene	11.098	284	760301	51.667	ng	99
69) Atrazine	11.186	200	638533	60.142	ng	98
70) Pentachlorophenol	11.292	266	807797	92.164	ng	99
71) Phenanthrene	11.521	178	2901784	48.886	ng	97
72) Anthracene	11.574	178	2967128	50.699	ng	97
73) Carbazole	11.727	167	2733920	46.620	ng	99
74) Di-n-butylphthalate	12.051	149	3210329	51.921	ng	98
75) Fluoranthene	12.709	202	3013323	48.541	ng	94
77) Benzidine	12.833	184	1740723	128.473	ng	99
78) Pyrene	12.945	202	3015318	57.169	ng	99
80) Butylbenzylphthalate	13.556	149	1273264	59.257	ng	87
81) Benzo(a)anthracene	14.133	228	2350813	50.598	ng	98
82) 3,3'-Dichlorobenzidine	14.092	252	575675	57.344	ng	97
83) Chrysene	14.168	228	2163509	50.160	ng	98
84) Bis(2-ethylhexyl)phtha...	14.109	149	1703018	59.637	ng	96
85) Di-n-octyl phthalate	14.727	149	2303221	54.637	ng	95
87) Indeno(1,2,3-cd)pyrene	17.227	276	2149812	57.421	ng	99
88) Benzo(b)fluoranthene	15.209	252	1969586	53.650	ng	98
89) Benzo(k)fluoranthene	15.245	252	1816050	51.002	ng	99
90) Benzo(a)pyrene	15.598	252	1676765	56.027	ng	97
91) Dibenzo(a,h)anthracene	17.244	278	1857432	60.859	ng	97
92) Benzo(g,h,i)perylene	17.703	276	1871816	61.130	ng	99

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

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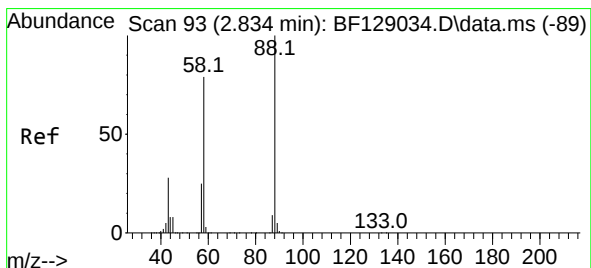
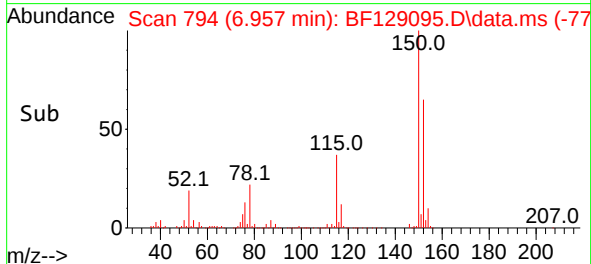
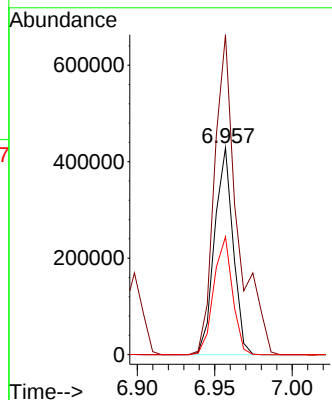
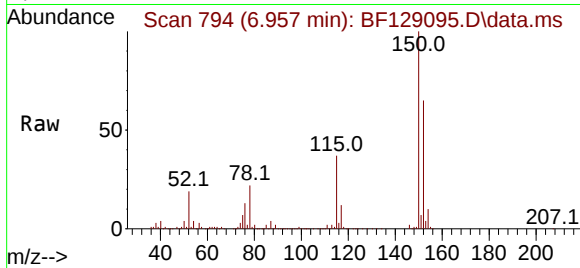




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF129095.D
 Acq: 01 Jul 2022 16:55

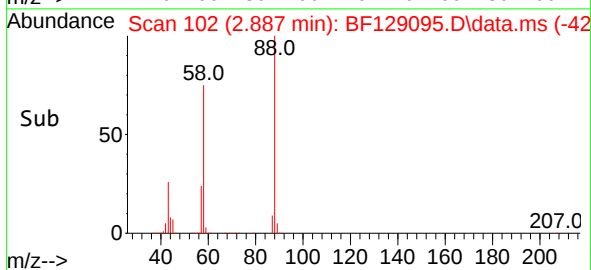
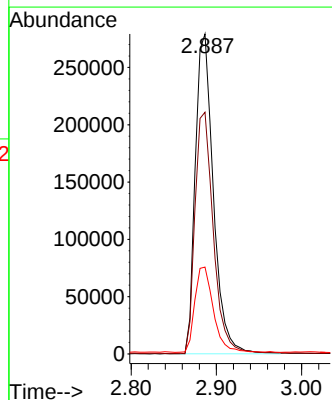
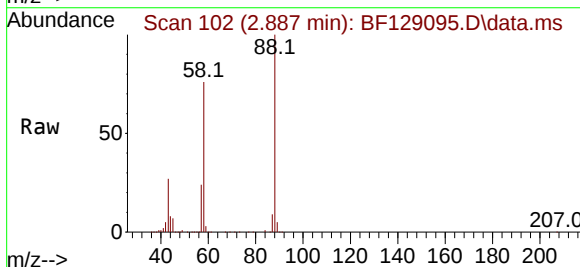
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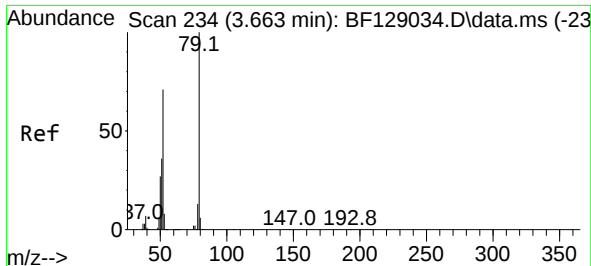
Tgt Ion:152 Resp: 356956
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.7 185.5
 115 57.0 49.9 74.9



#2
 1,4-Dioxane
 Concen: 43.698 ng
 RT: 2.887 min Scan# 102
 Delta R.T. 0.053 min
 Lab File: BF129095.D
 Acq: 01 Jul 2022 16:55

Tgt Ion: 88 Resp: 411337
 Ion Ratio Lower Upper
 88 100
 58 76.9 71.8 107.8
 43 27.5 26.6 39.8

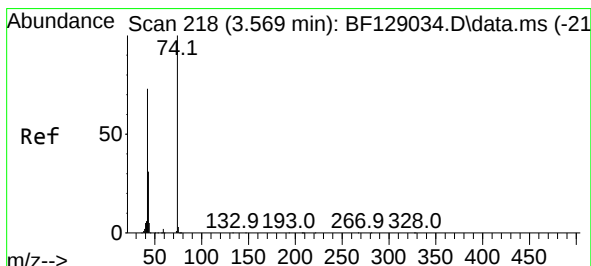
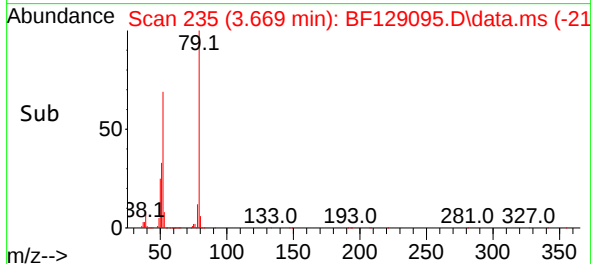
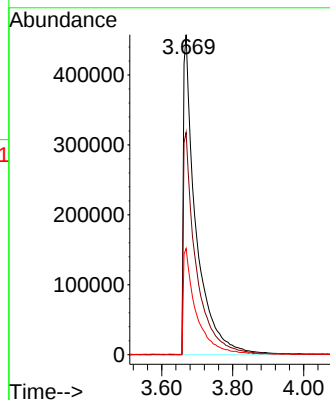
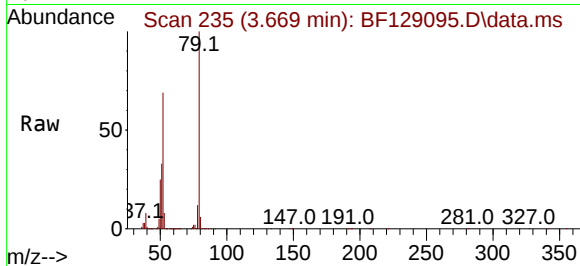




#3
 Pyridine
 Concen: 48.653 ng
 RT: 3.669 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF129095.D
 Acq: 01 Jul 2022 16:55

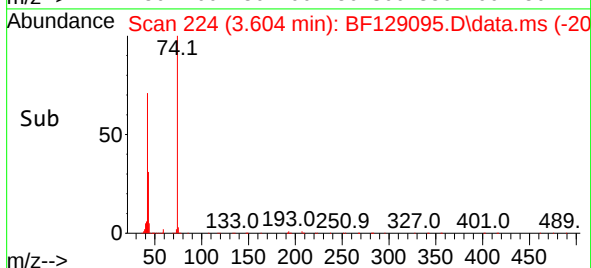
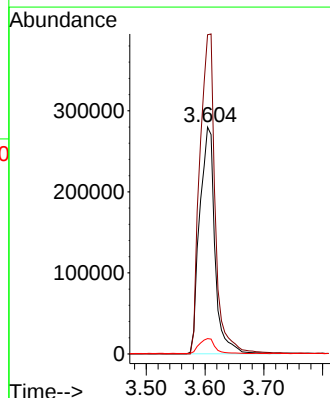
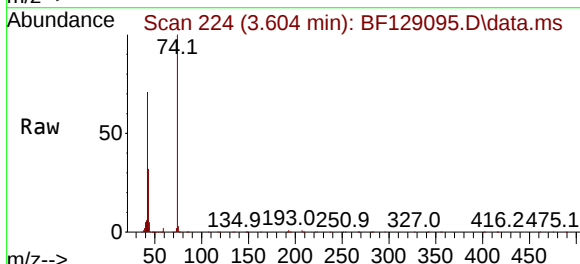
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 ClientSampleId :
 S-4MS

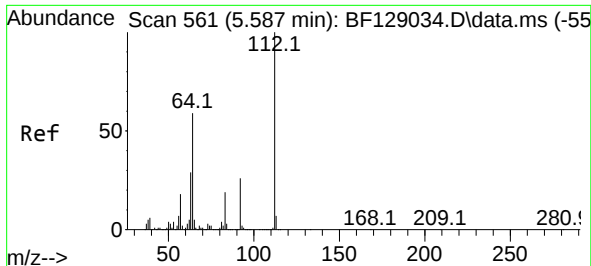
Tgt Ion: 79 Resp: 1118445
 Ion Ratio Lower Upper
 79 100
 52 69.4 68.6 102.8
 51 33.2 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 48.329 ng
 RT: 3.604 min Scan# 224
 Delta R.T. 0.035 min
 Lab File: BF129095.D
 Acq: 01 Jul 2022 16:55

Tgt Ion: 42 Resp: 503361
 Ion Ratio Lower Upper
 42 100
 74 140.7 94.8 142.2
 44 6.8 6.6 10.0

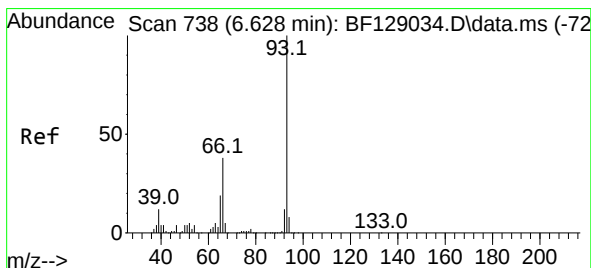
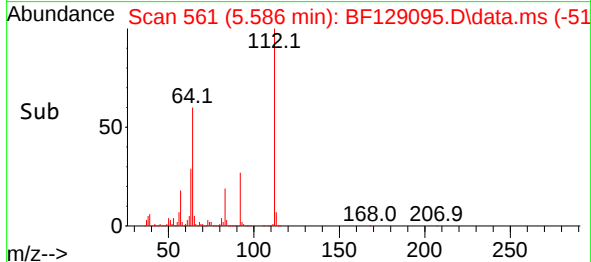
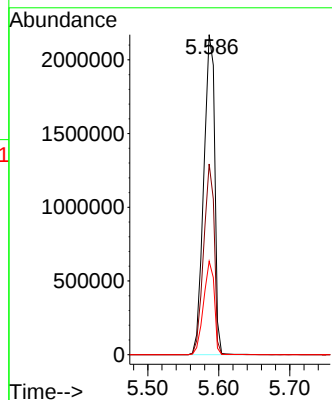
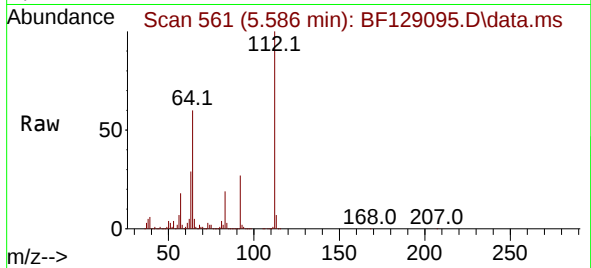




#5
2-Fluorophenol
Concen: 110.813 ng
RT: 5.586 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

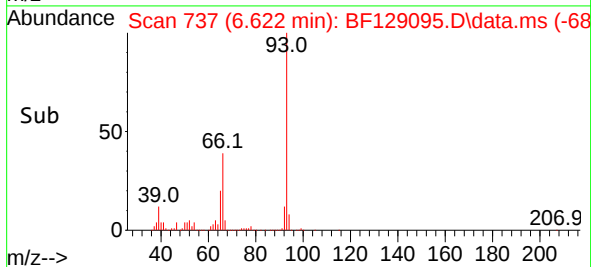
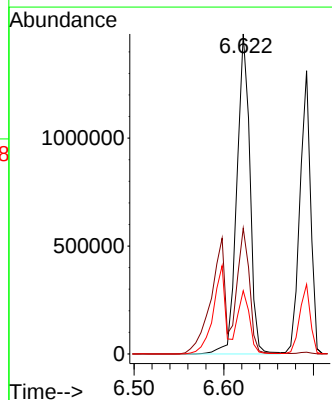
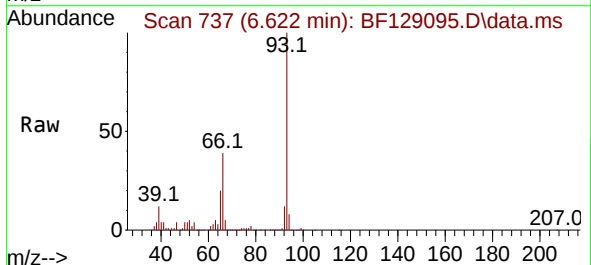
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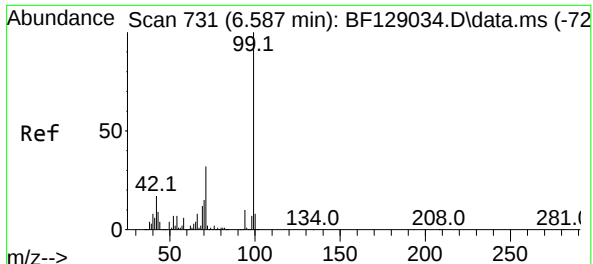
Tgt Ion:112 Resp: 2339685
Ion Ratio Lower Upper
112 100
64 59.6 53.3 79.9
63 29.2 28.0 42.0



#6
Aniline
Concen: 51.053 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion: 93 Resp: 1497230
Ion Ratio Lower Upper
93 100
66 39.3 32.5 48.7
65 19.7 16.4 24.6

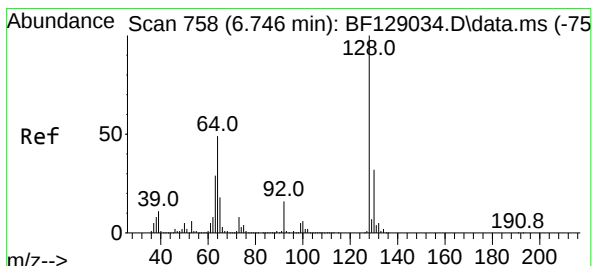
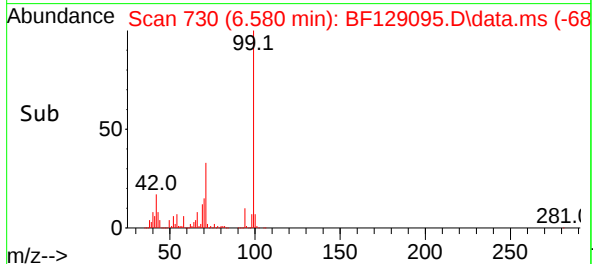
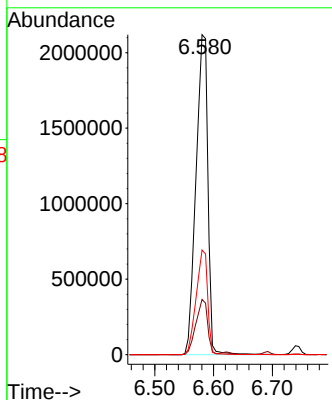
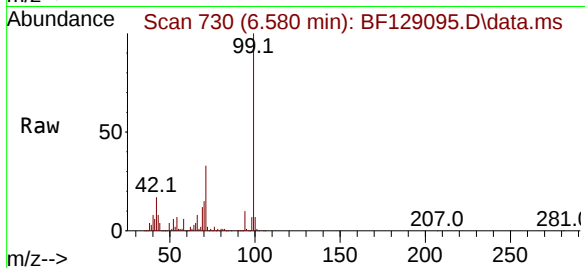




#7
Phenol-d6
Concen: 113.517 ng
RT: 6.580 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

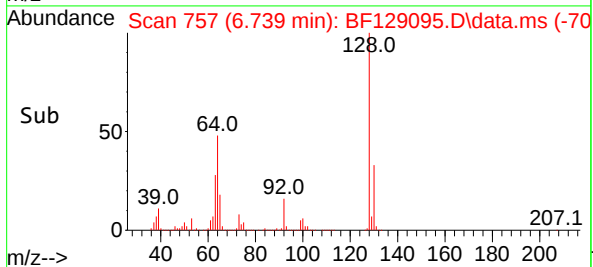
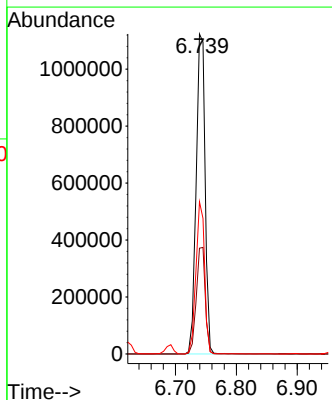
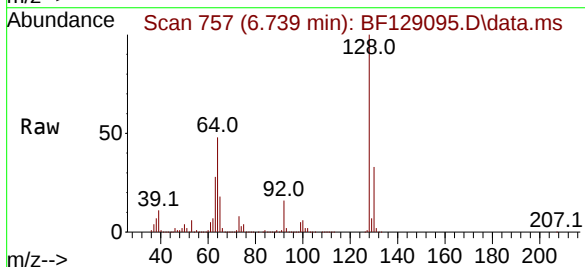
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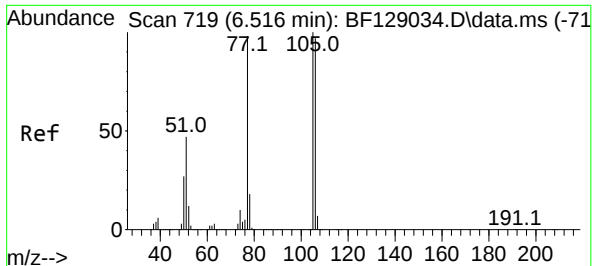
Tgt Ion: 99 Resp: 2976720
Ion Ratio Lower Upper
99 100
42 17.3 17.3 25.9#
71 32.7 28.9 43.3



#8
2-Chlorophenol
Concen: 51.801 ng
RT: 6.739 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion: 128 Resp: 1149091
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 47.6 30.9 70.9

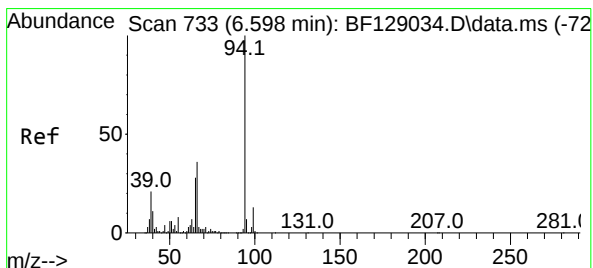
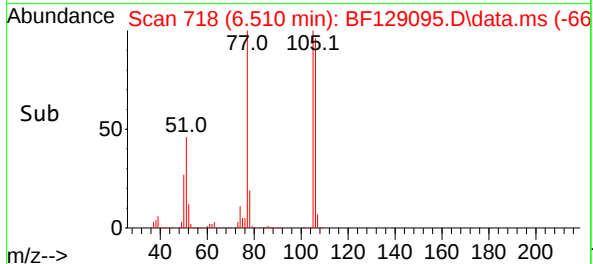
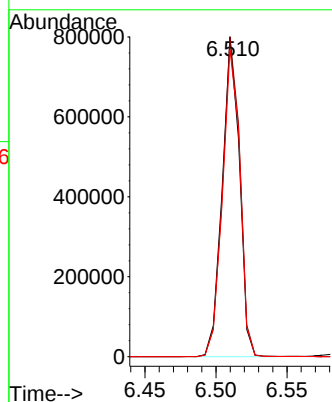
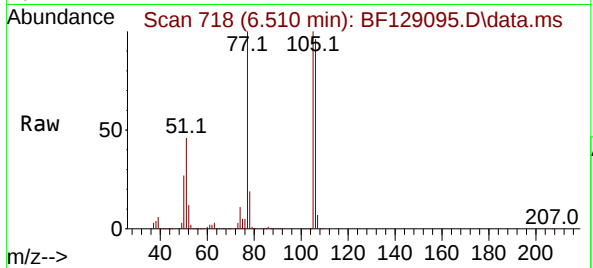




#9
Benzaldehyde
Concen: 69.338 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129095.D
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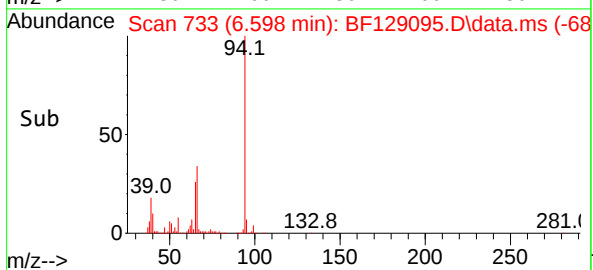
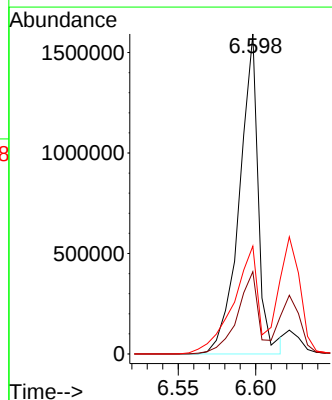
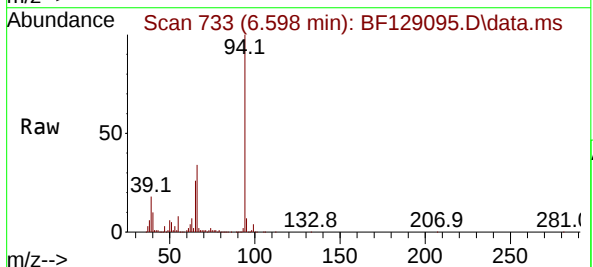
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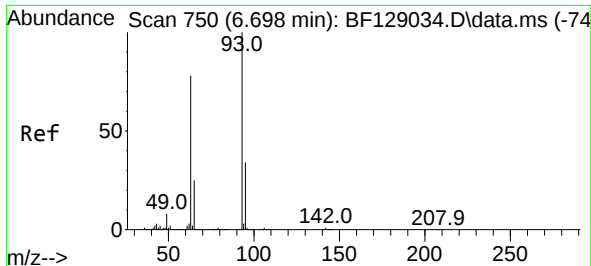
Tgt Ion: 77 Resp: 671165
Ion Ratio Lower Upper
77 100
105 100.1 81.6 121.6
106 96.0 76.1 116.1



#10
Phenol
Concen: 51.069 ng
RT: 6.598 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF129095.D
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Tgt Ion: 94 Resp: 1356798
Ion Ratio Lower Upper
94 100
65 25.7 11.4 51.4
66 33.7 21.4 61.4



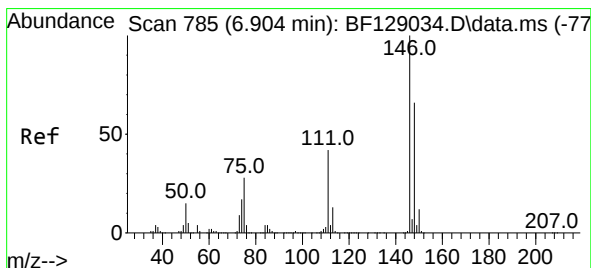
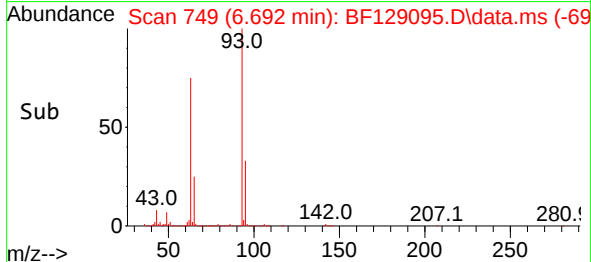
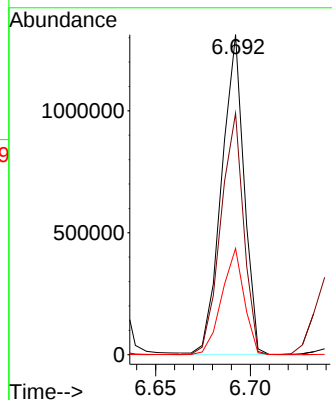
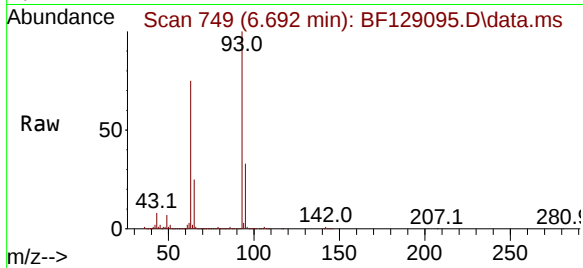


#11
bis(2-Chloroethyl)ether
Concen: 51.486 ng
RT: 6.692 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Instrument :
BNA_F
ClientSampleId :
S-4MS

Tgt Ion: 93 Resp: 1082673

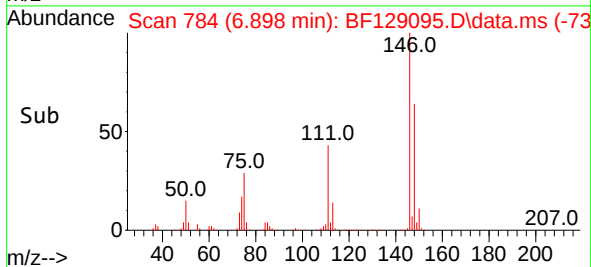
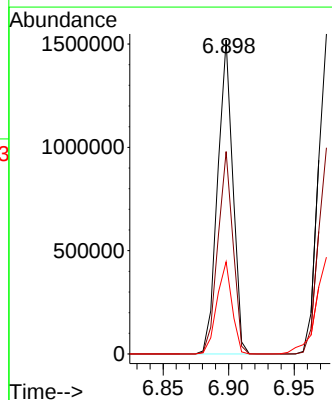
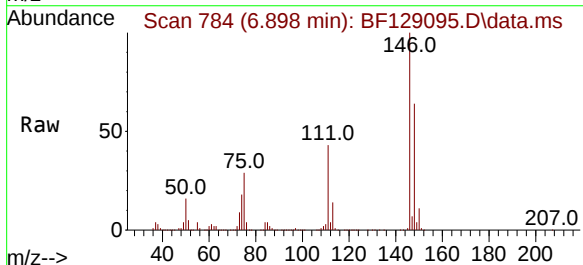
Ion	Ratio	Lower	Upper
93	100		
63	75.5	67.4	107.4
95	33.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 49.980 ng
RT: 6.898 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:146 Resp: 1220467

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
75	29.4	26.3	39.5





#13

1,4-Dichlorobenzene

Concen: 49.924 ng

RT: 6.975 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

Instrument :

BNA_F

ClientSampleId :

S-4MS

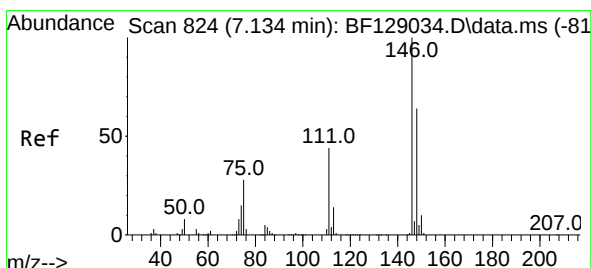
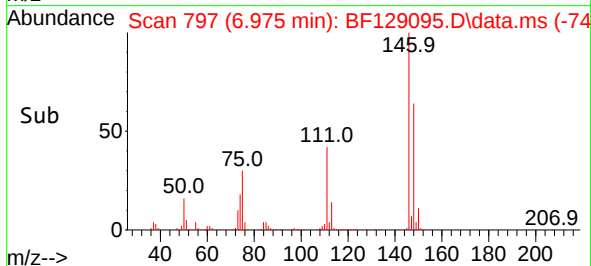
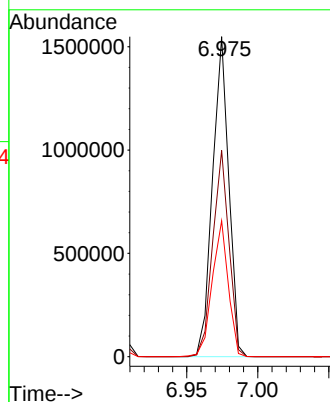
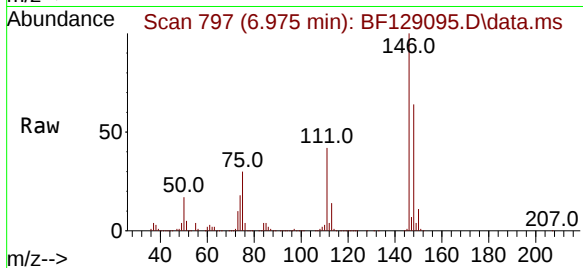
Tgt Ion:146 Resp: 1229638

Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

111 42.5 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 51.144 ng

RT: 7.127 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

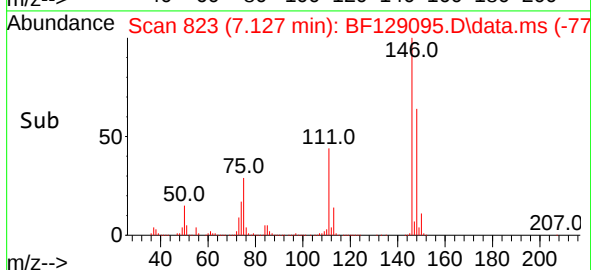
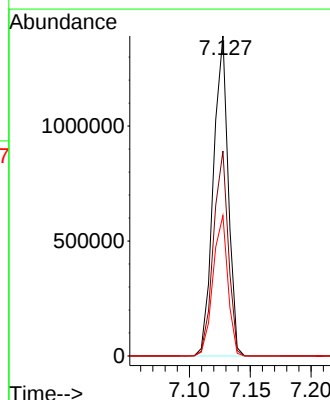
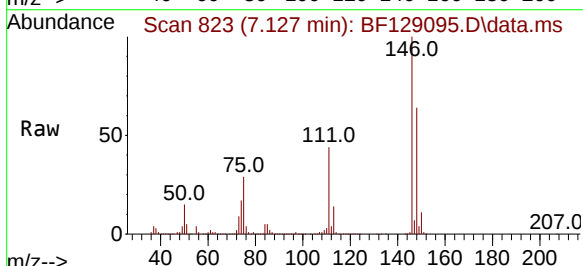
Tgt Ion:146 Resp: 1184157

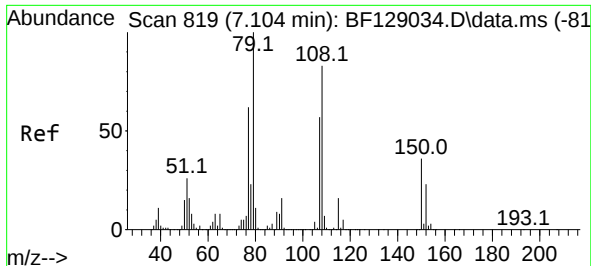
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

111 43.9 35.1 52.7

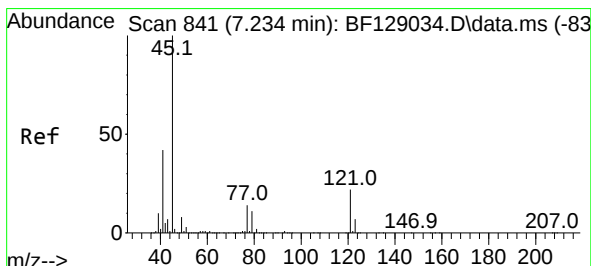
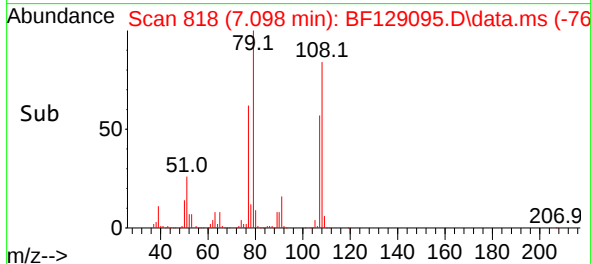
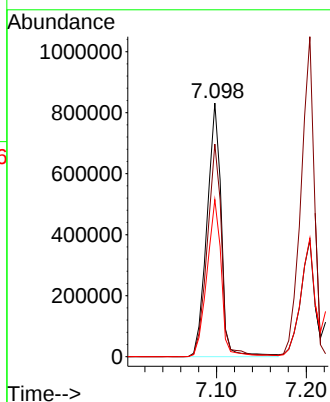
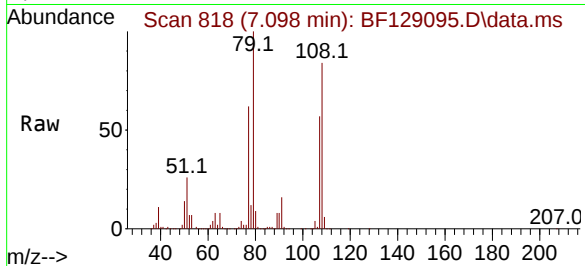




#15
Benzyl Alcohol
Concen: 49.801 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

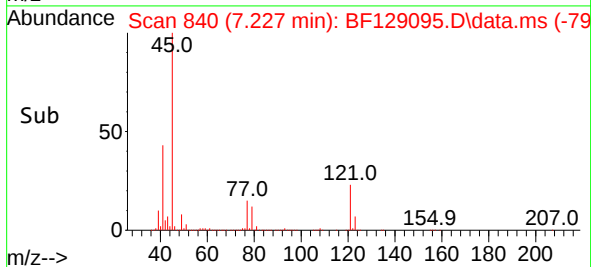
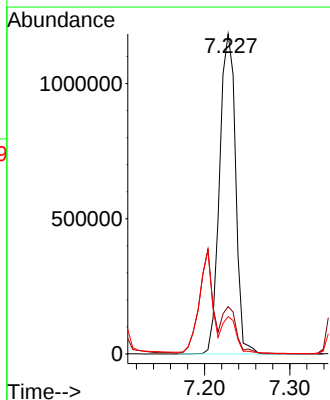
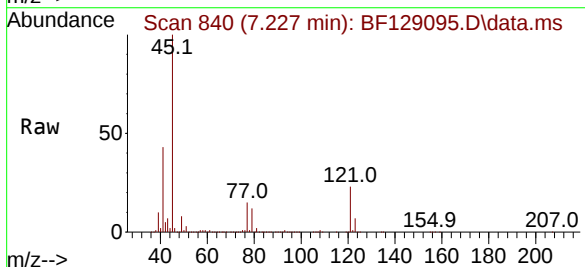
Instrument :
BNA_F
ClientSampleId :
S-4MS

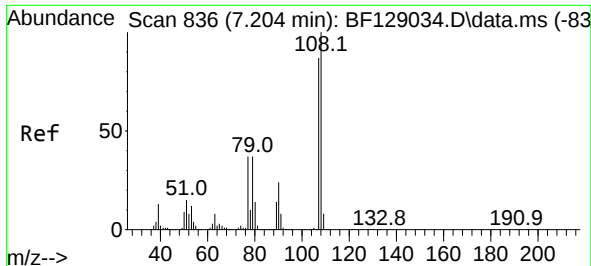
Tgt Ion: 79 Resp: 918598
Ion Ratio Lower Upper
79 100
108 83.8 61.8 92.6
77 61.9 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.179 ng
RT: 7.227 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion: 45 Resp: 1537145
Ion Ratio Lower Upper
45 100
77 14.8 0.0 31.3
79 11.7 0.0 28.3

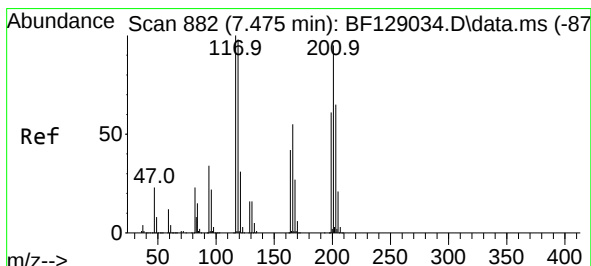
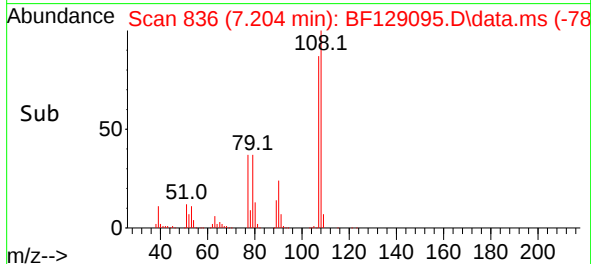
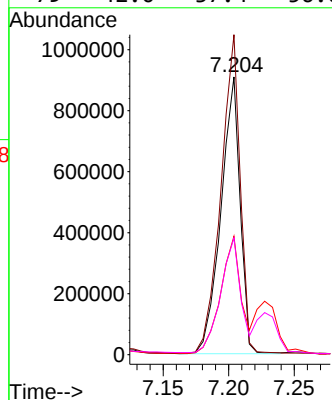
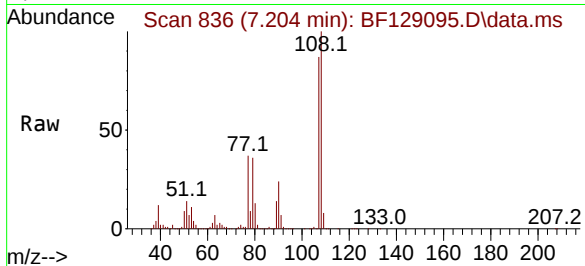




#17
2-Methylphenol
Concen: 51.040 ng
RT: 7.204 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

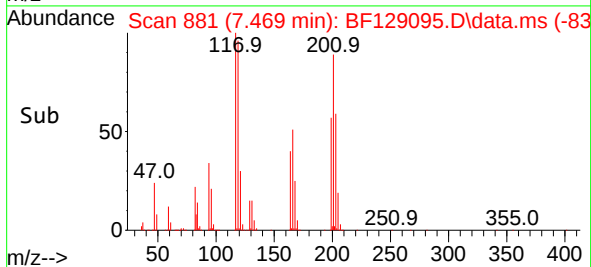
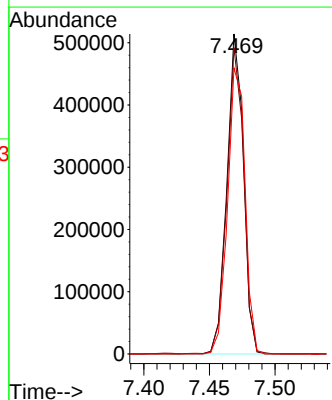
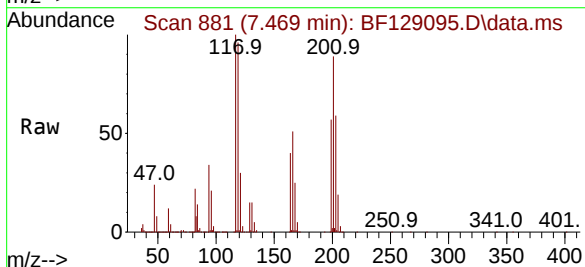
Instrument :
BNA_F
ClientSampleId :
S-4MS

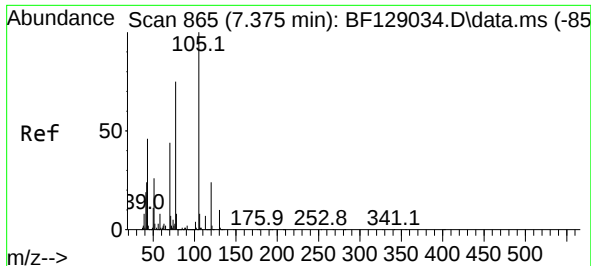
Tgt Ion:	107	Resp:	921317
Ion	Ratio	Lower	Upper
107	100		
108	115.2	91.9	137.9
77	42.6	37.8	56.8
79	42.0	37.4	56.0



#18
Hexachloroethane
Concen: 52.489 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:	117	Resp:	453880
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.4	116.2
201	89.4	84.6	127.0

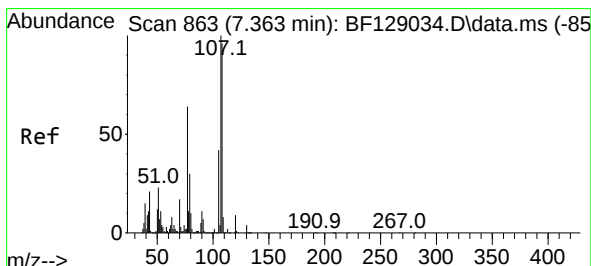
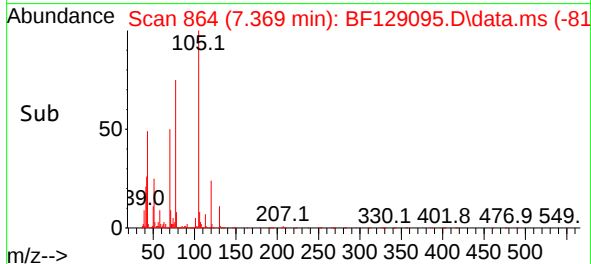
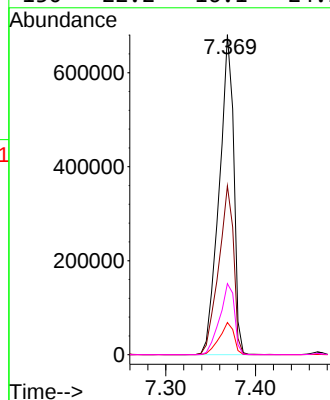
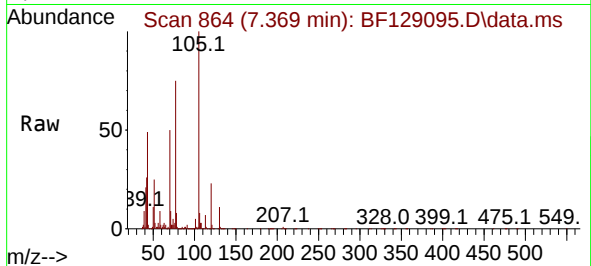




#19
n-Nitroso-di-n-propylamine
Concen: 50.559 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

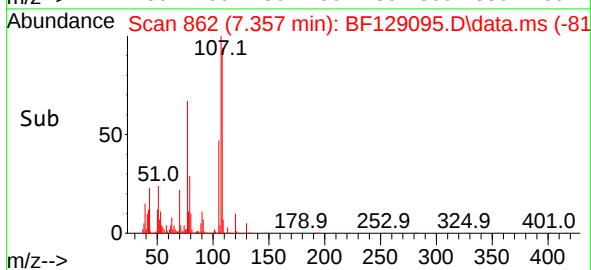
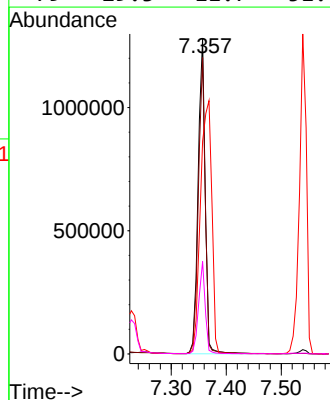
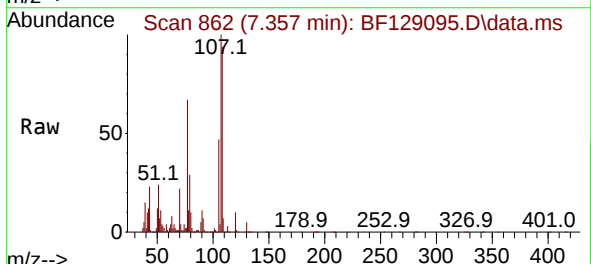
Instrument :
BNA_F
ClientSampleId :
S-4MS

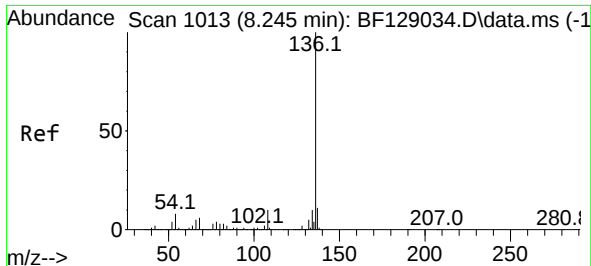
Tgt Ion: 70 Resp: 766941
Ion Ratio Lower Upper
70 100
42 52.8 52.3 78.5
101 10.0 7.5 11.3
130 22.2 16.1 24.1



#20
3+4-Methylphenols
Concen: 49.696 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:107 Resp: 1140740
Ion Ratio Lower Upper
107 100
108 93.8 71.8 111.8
77 67.3 59.3 99.3
79 29.3 11.7 51.7

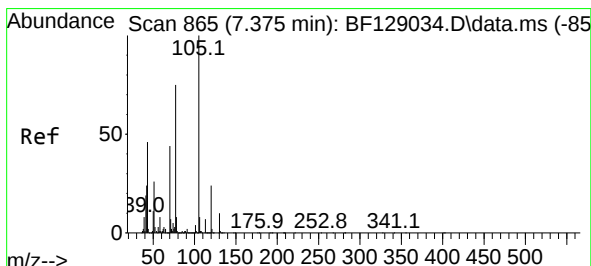
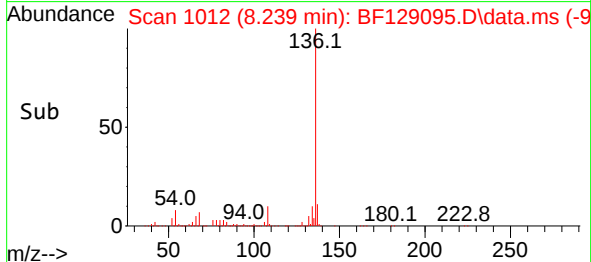
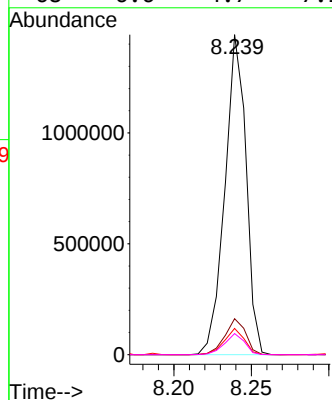
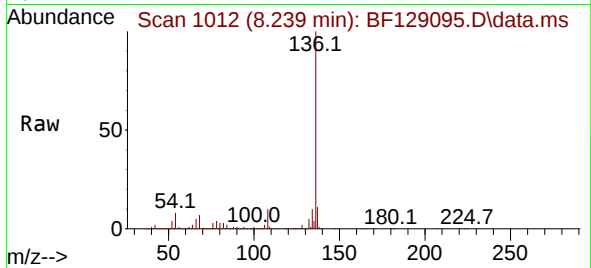




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

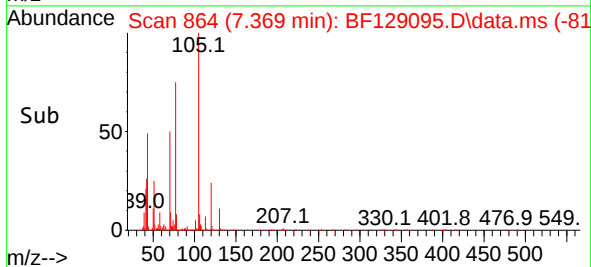
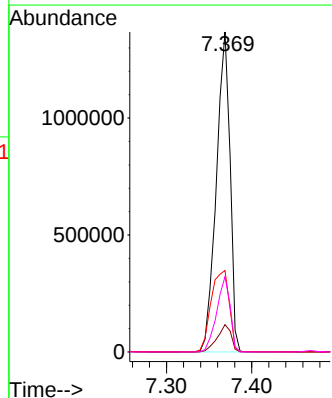
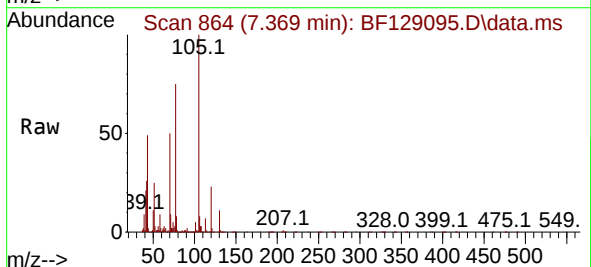
Instrument :
BNA_F
ClientSampleId :
S-4MS

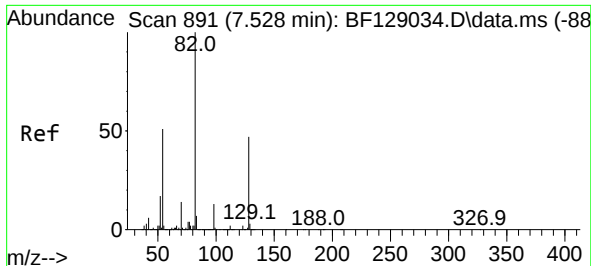
Tgt Ion:136 Resp: 1372869
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.2 7.5 11.3
68 6.6 4.7 7.1



#22
Acetophenone
Concen: 48.465 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:105 Resp: 1526340
Ion Ratio Lower Upper
105 100
71 8.6 5.0 7.4#
51 25.4 25.0 37.4
120 23.5 17.8 26.8

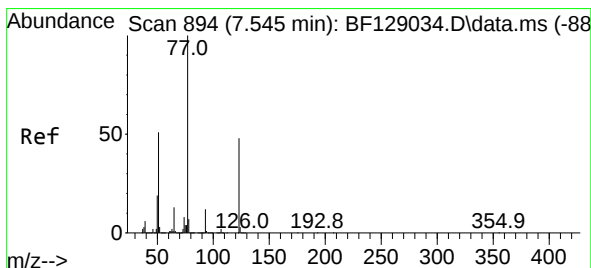
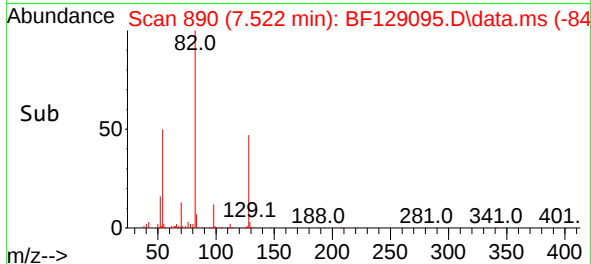
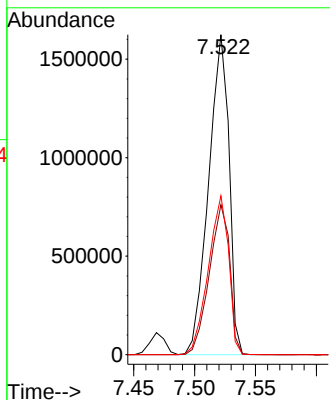
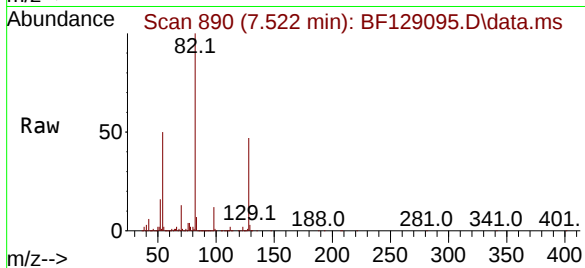




#23
Nitrobenzene-d5
Concen: 81.986 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

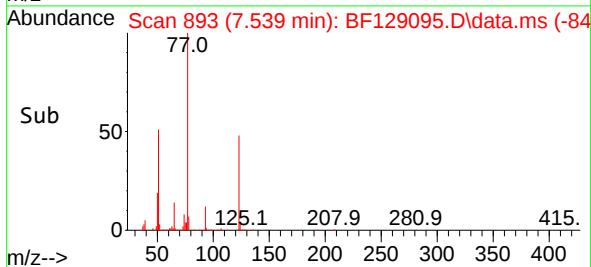
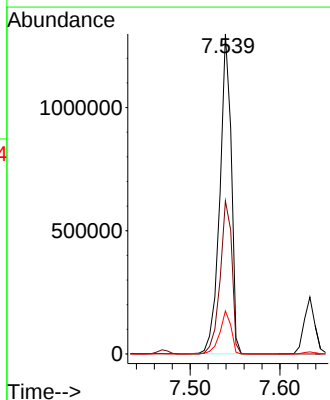
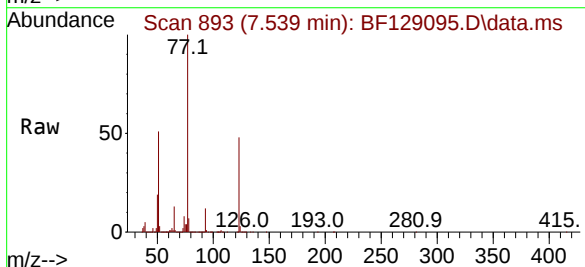
Instrument :
BNA_F
ClientSampleId :
S-4MS

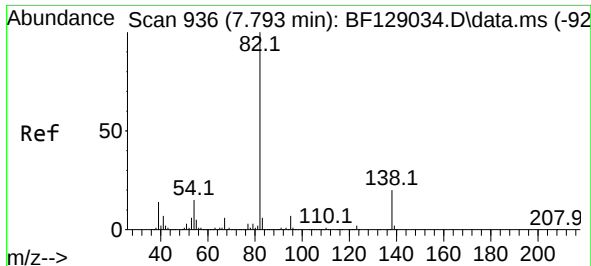
Tgt Ion: 82 Resp: 1887049
Ion Ratio Lower Upper
82 100
128 46.9 34.0 51.0
54 49.6 46.9 70.3



#24
Nitrobenzene
Concen: 51.594 ng
RT: 7.539 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion: 77 Resp: 1149000
Ion Ratio Lower Upper
77 100
123 47.8 35.4 53.2
65 13.4 11.8 17.8

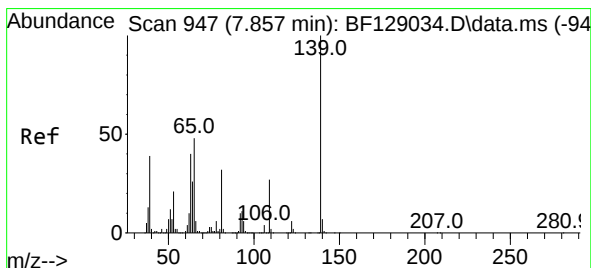
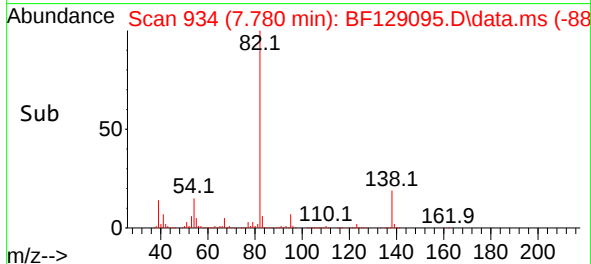
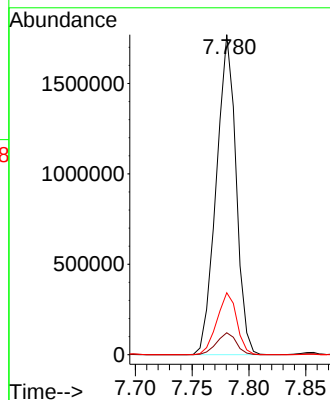
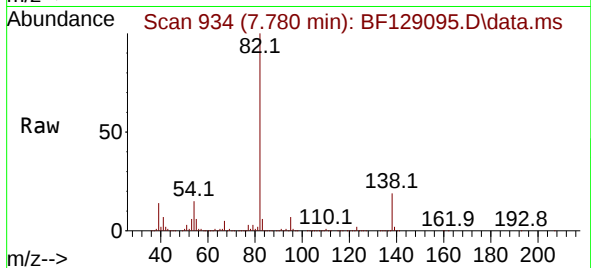




#25
Isophorone
Concen: 55.032 ng
RT: 7.780 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

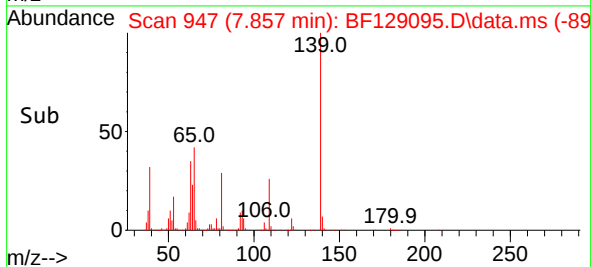
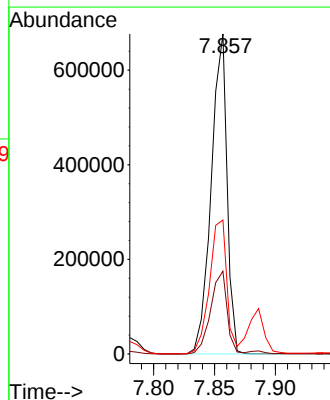
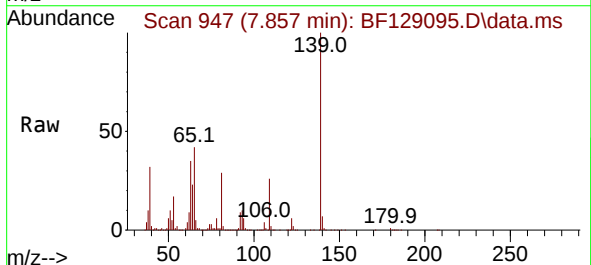
Instrument :
BNA_F
ClientSampleId :
S-4MS

Tgt Ion: 82 Resp: 2140703
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 19.4 14.2 21.2



#26
2-Nitrophenol
Concen: 59.145 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:139 Resp: 612157
Ion Ratio Lower Upper
139 100
109 25.9 25.0 37.4
65 41.8 45.1 67.7#





#27

2,4-Dimethylphenol

Concen: 57.781 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

Instrument :

BNA_F

ClientSampleId :

S-4MS

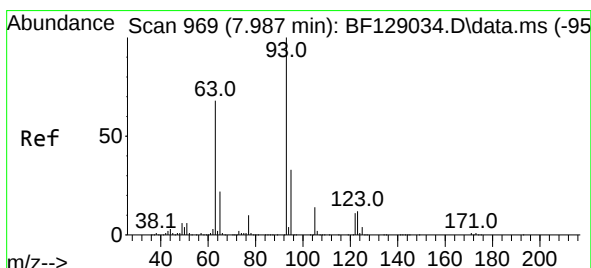
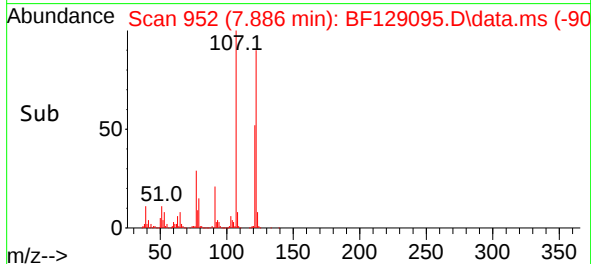
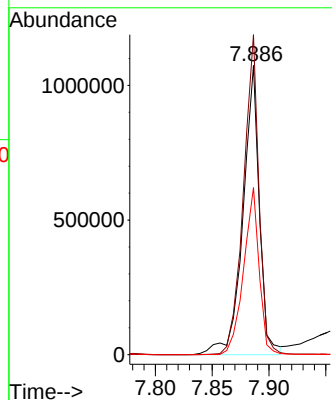
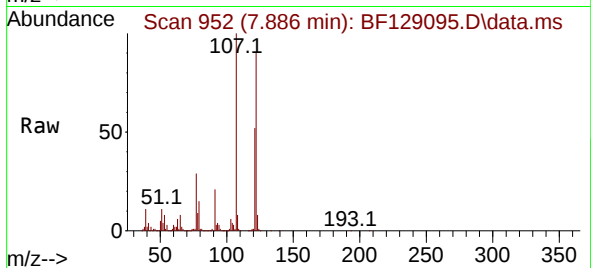
Tgt Ion:122 Resp: 1079690

Ion Ratio Lower Upper

122 100

107 110.7 93.0 139.6

121 57.8 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 49.980 ng

RT: 7.986 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

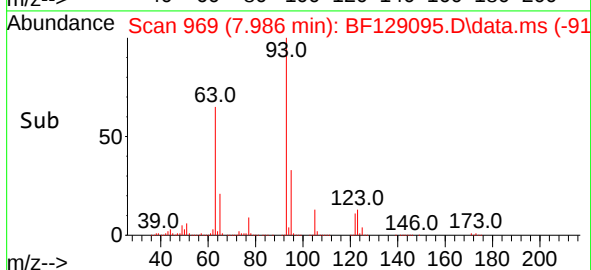
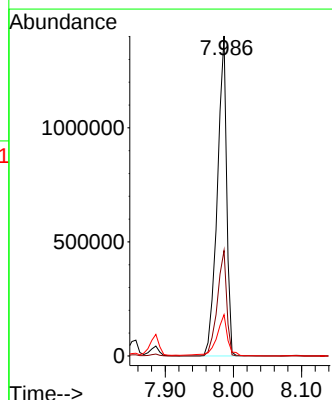
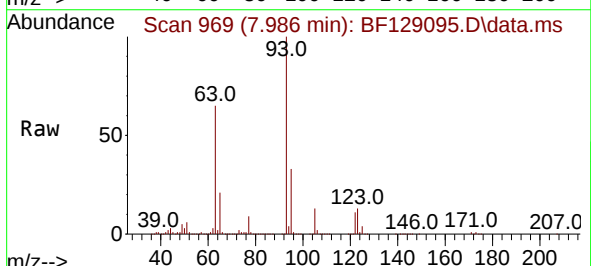
Tgt Ion: 93 Resp: 1335219

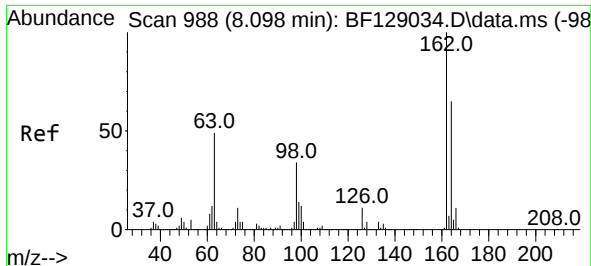
Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

123 12.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 50.006 ng

RT: 8.092 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

Instrument :

BNA_F

ClientSampleId :

S-4MS

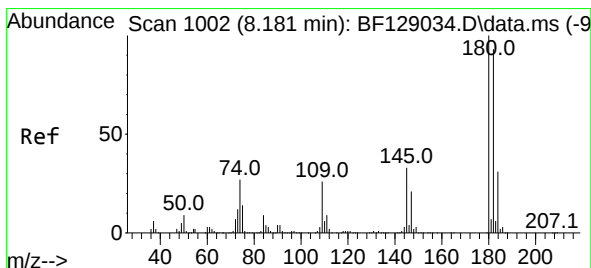
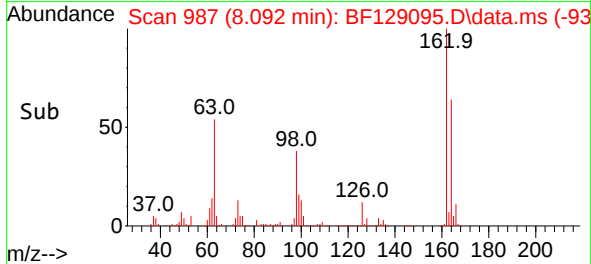
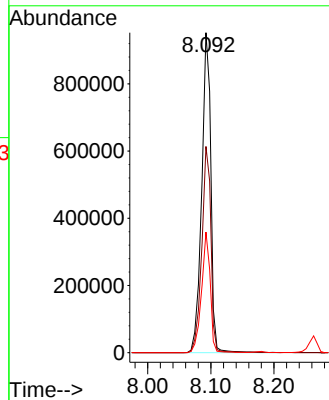
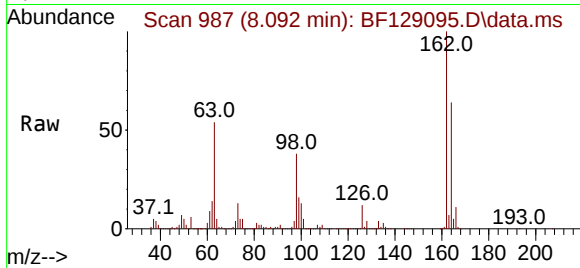
Tgt Ion:162 Resp: 953073

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

98 37.7 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 47.311 ng

RT: 8.180 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

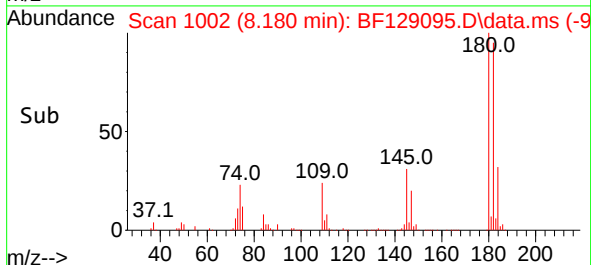
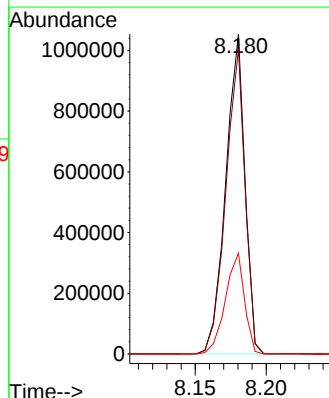
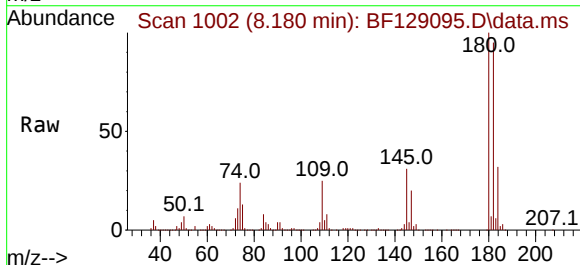
Tgt Ion:180 Resp: 992270

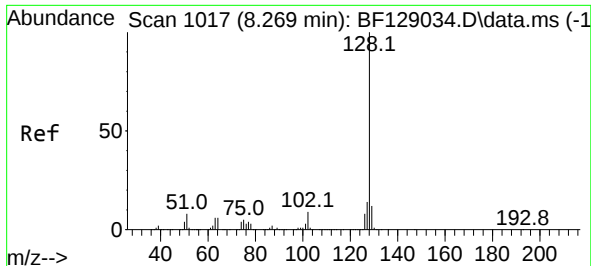
Ion Ratio Lower Upper

180 100

182 95.3 79.2 118.8

145 31.5 26.2 39.2

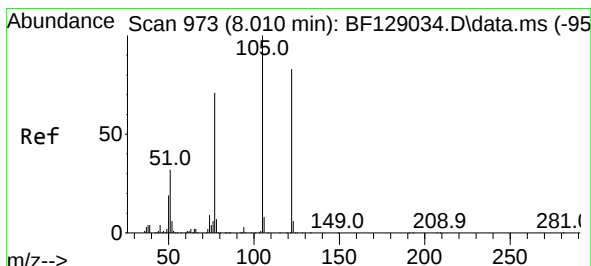
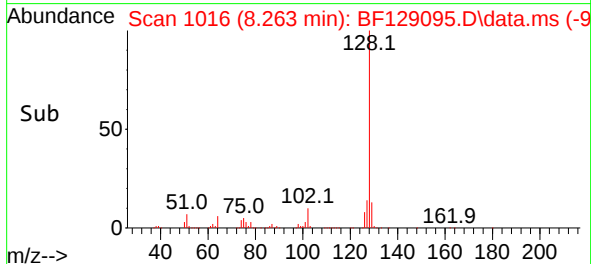
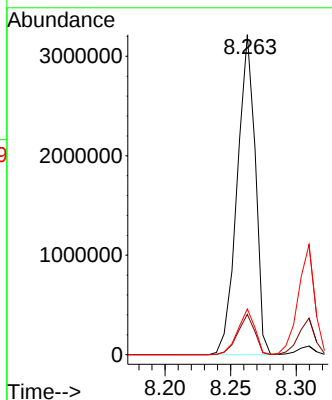
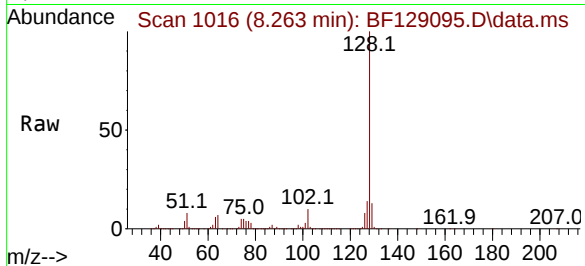




#31
Naphthalene
Concen: 49.555 ng
RT: 8.263 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

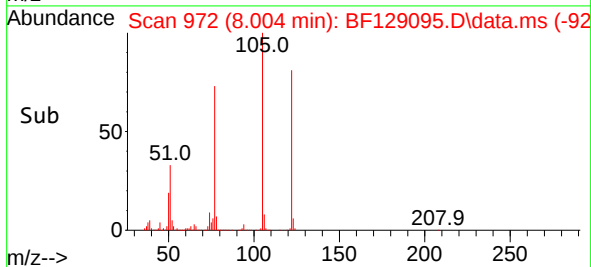
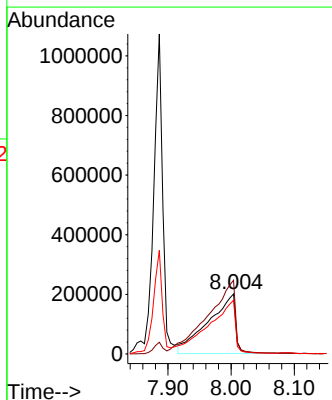
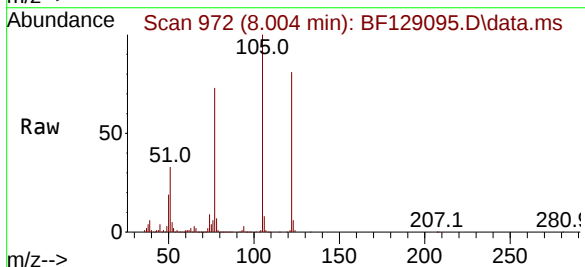
Instrument :
BNA_F
ClientSampleId :
S-4MS

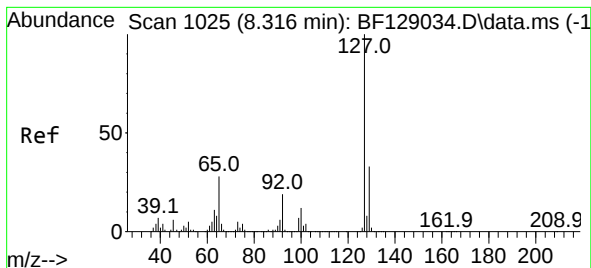
Tgt Ion:128 Resp: 3088501
Ion Ratio Lower Upper
128 100
129 12.6 9.2 13.8
127 14.3 10.5 15.7



#32
Benzoic acid
Concen: 39.765 ng
RT: 8.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:122 Resp: 596164
Ion Ratio Lower Upper
122 100
105 123.1 107.1 147.1
77 89.8 74.2 114.2





#33

4-Chloroaniline

Concen: 39.107 ng

RT: 8.310 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

Instrument :

BNA_F

ClientSampleId :

S-4MS

Tgt Ion:127 Resp: 982120

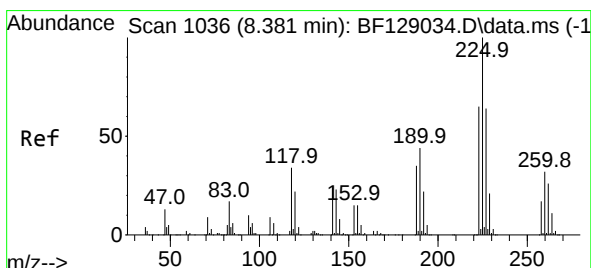
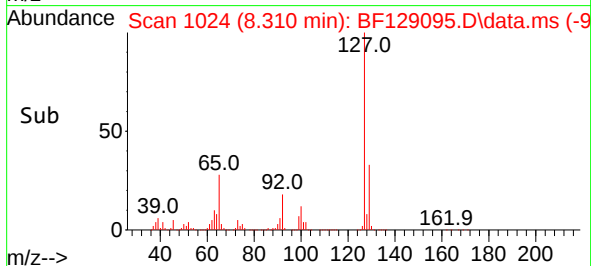
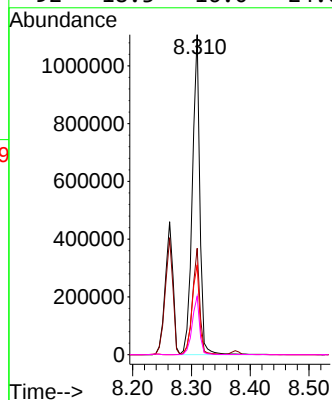
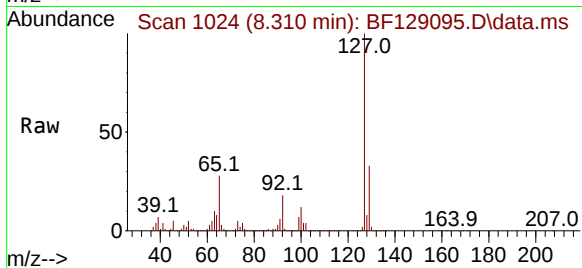
Ion Ratio Lower Upper

127 100

129 33.3 26.4 39.6

65 28.0 26.4 39.6

92 18.3 16.0 24.0



#34

Hexachlorobutadiene

Concen: 48.113 ng

RT: 8.374 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

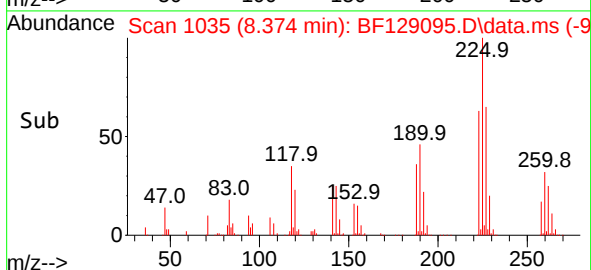
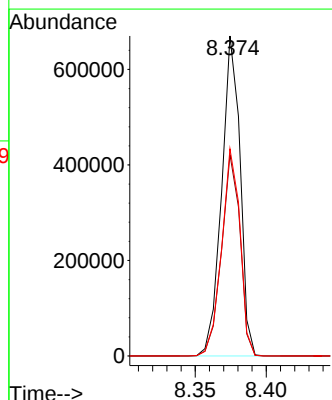
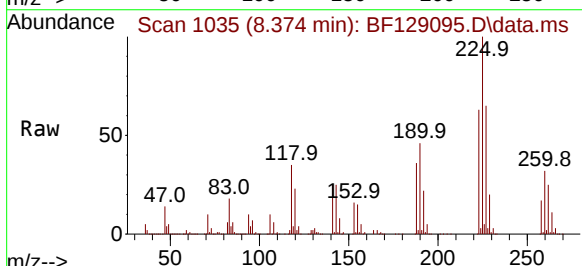
Tgt Ion:225 Resp: 602542

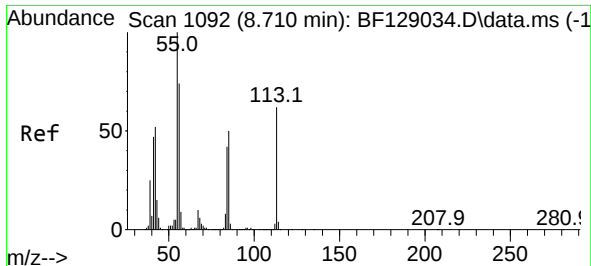
Ion Ratio Lower Upper

225 100

223 62.9 51.0 76.6

227 64.8 51.1 76.7

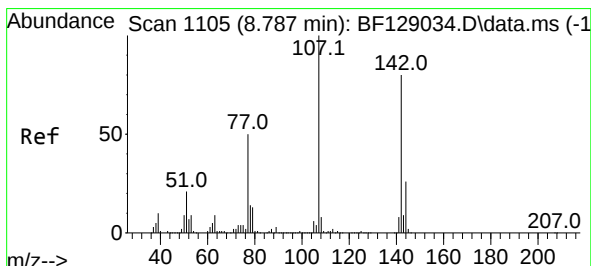
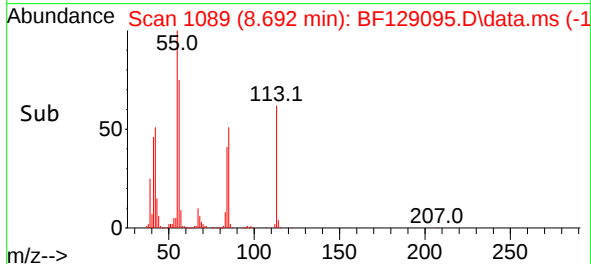
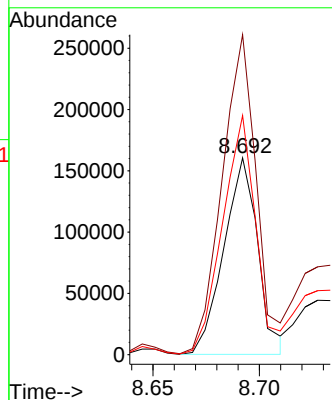
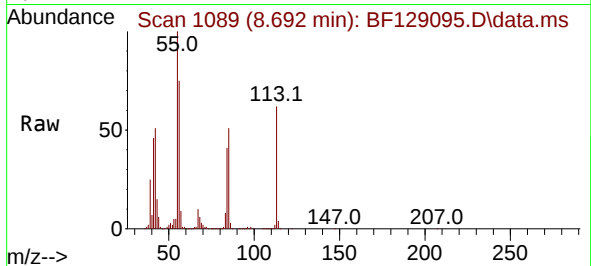




#35
Caprolactam
Concen: 29.355 ng
RT: 8.692 min Scan# 1089
Delta R.T. -0.018 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

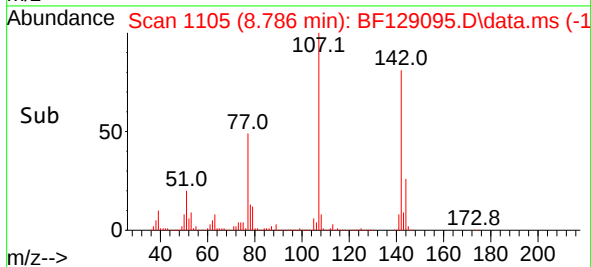
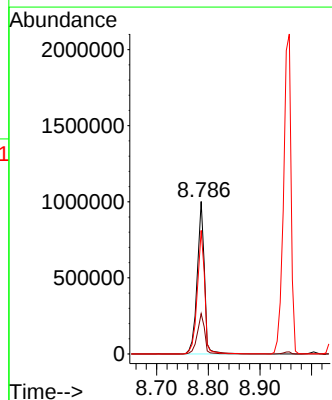
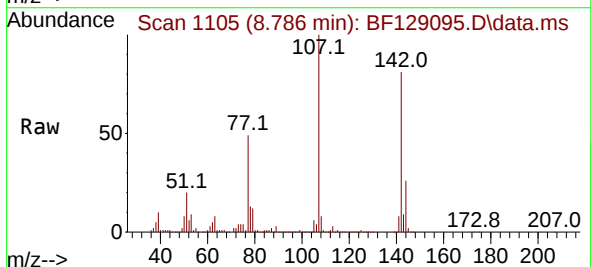
Instrument :
BNA_F
ClientSampleId :
S-4MS

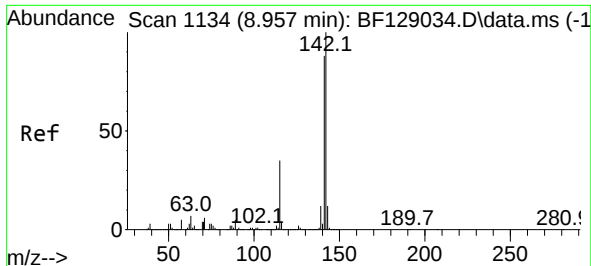
Tgt Ion:113 Resp: 177415
Ion Ratio Lower Upper
113 100
55 162.6 188.5 228.5#
56 121.6 130.6 170.6#



#36
4-Chloro-3-methylphenol
Concen: 50.199 ng
RT: 8.786 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:107 Resp: 972080
Ion Ratio Lower Upper
107 100
144 26.4 19.5 29.3
142 81.0 58.2 87.4

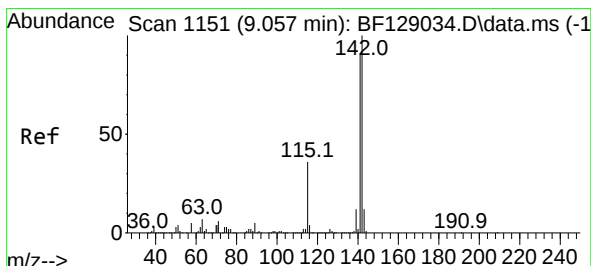
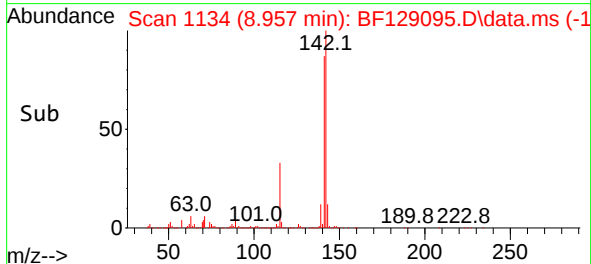
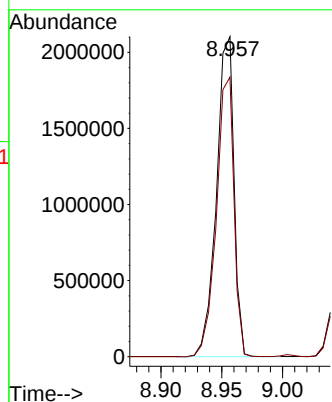
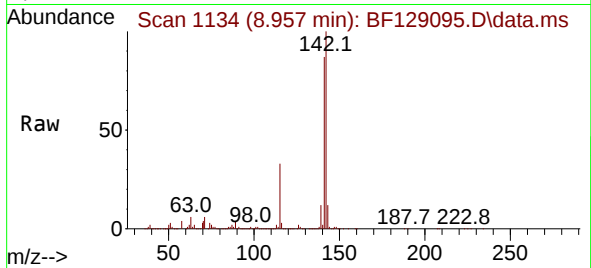




#37
2-Methylnaphthalene
Concen: 50.354 ng
RT: 8.957 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

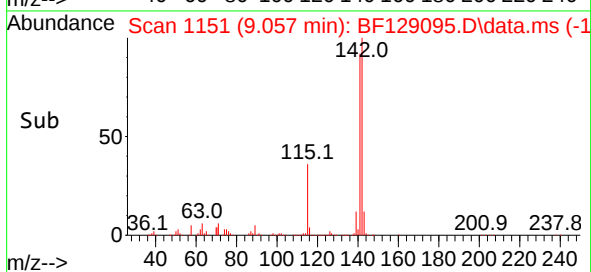
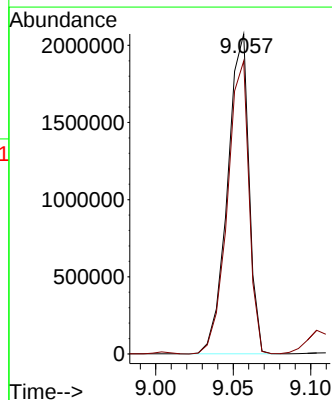
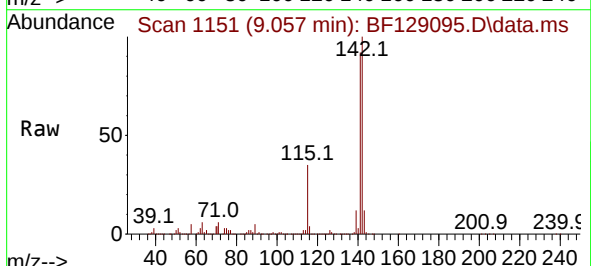
Instrument :
BNA_F
ClientSampleId :
S-4MS

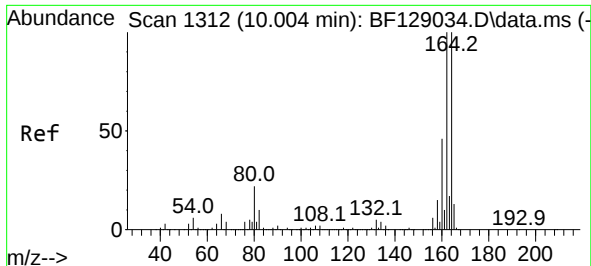
Tgt Ion:142 Resp: 2111738
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.4



#38
1-Methylnaphthalene
Concen: 49.196 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:142 Resp: 2003616
Ion Ratio Lower Upper
142 100
141 91.6 74.2 111.4

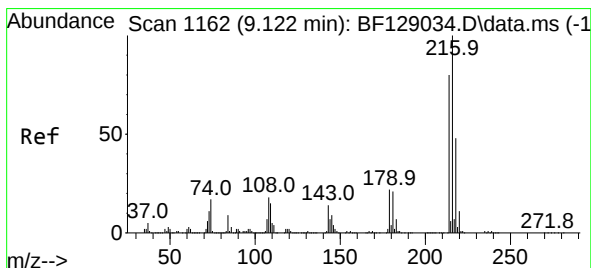
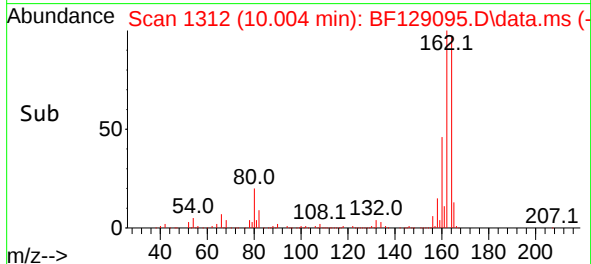
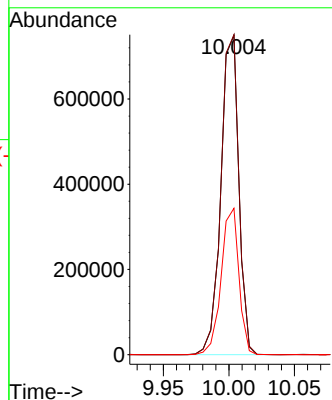
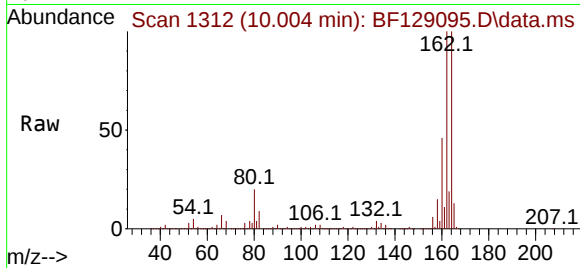




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

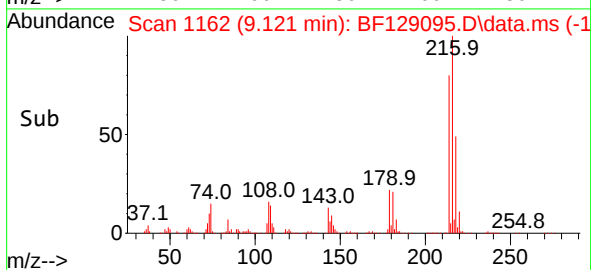
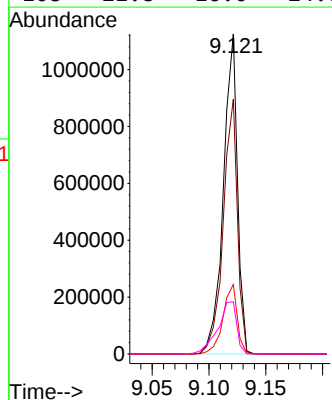
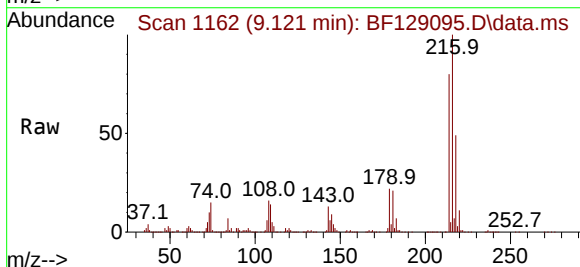
Instrument :
BNA_F
ClientSampleId :
S-4MS

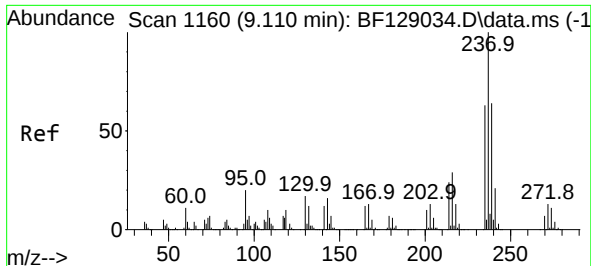
Tgt Ion:164 Resp: 710500
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 45.9 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.893 ng
RT: 9.121 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:216 Resp: 976437
Ion Ratio Lower Upper
216 100
214 80.0 63.6 95.4
179 21.9 17.0 25.6
108 21.8 16.0 24.0

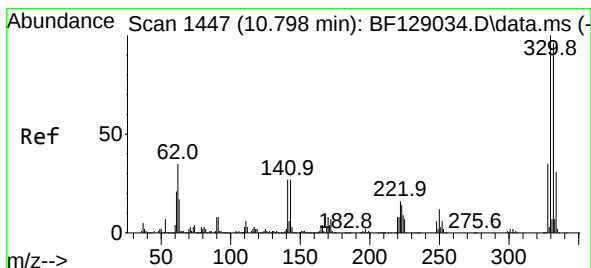
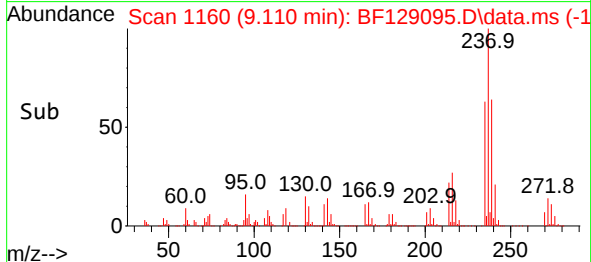
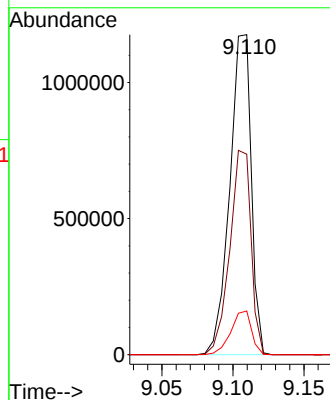
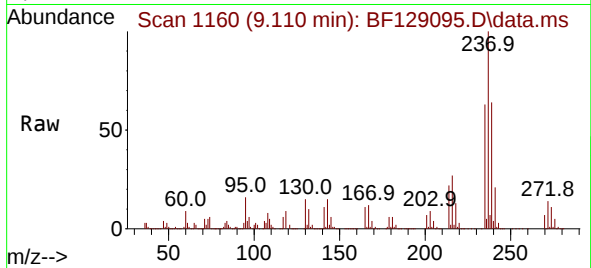




#41
Hexachlorocyclopentadiene
Concen: 117.454 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

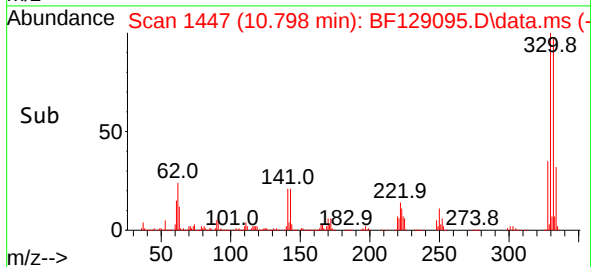
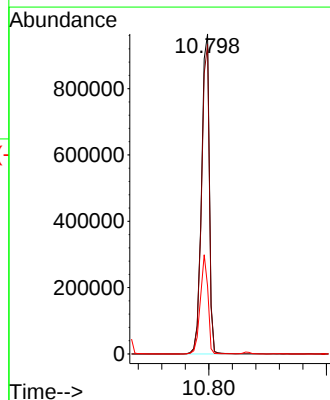
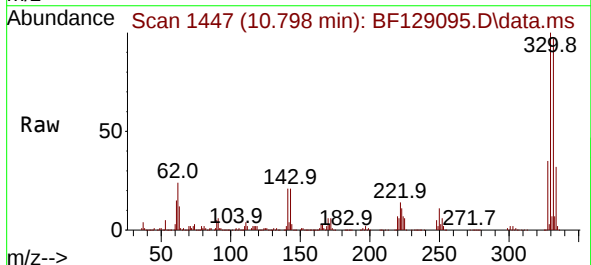
Instrument :
BNA_F
ClientSampleId :
S-4MS

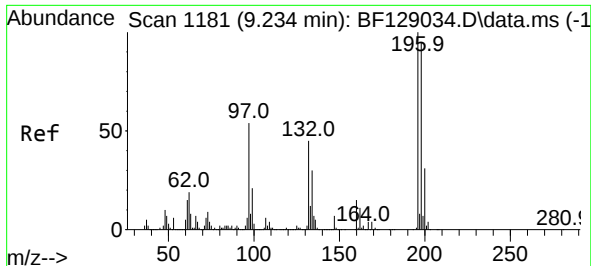
Tgt Ion:237 Resp: 1238168
Ion Ratio Lower Upper
237 100
235 62.6 43.2 83.2
272 13.6 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 114.806 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:330 Resp: 886949
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 30.4 28.0 42.0

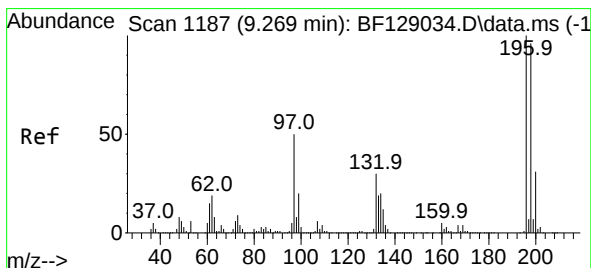
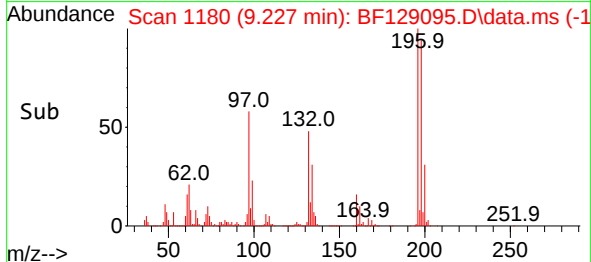
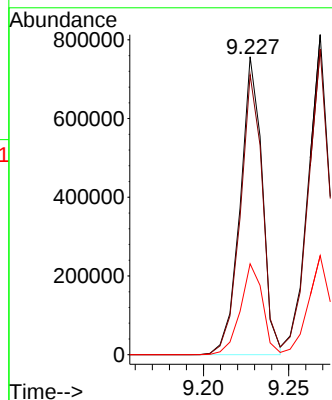
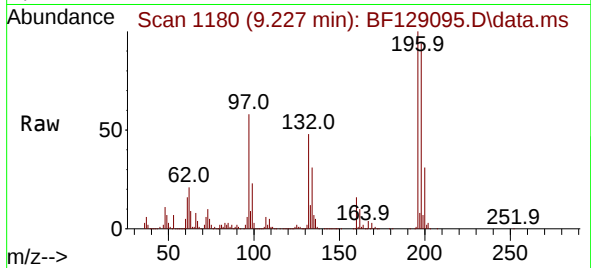




#43
2,4,6-Trichlorophenol
Concen: 49.982 ng
RT: 9.227 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

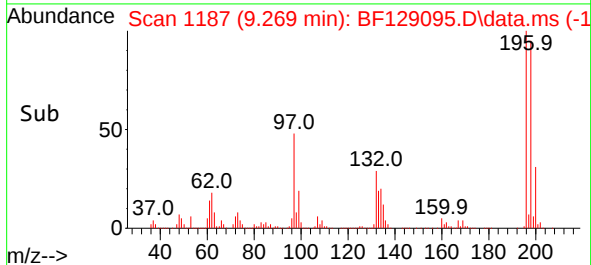
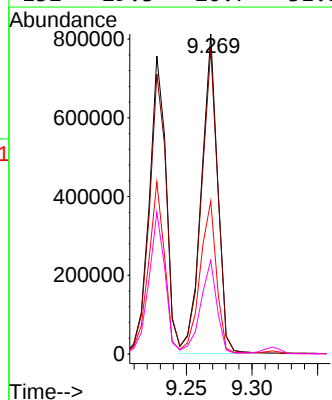
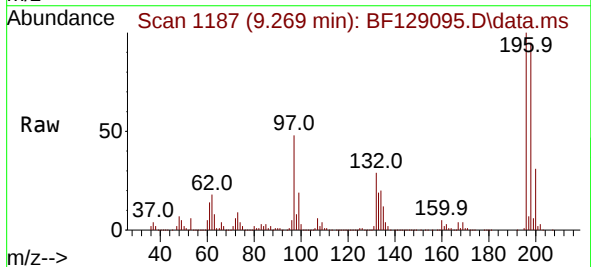
Instrument :
BNA_F
ClientSampleId :
S-4MS

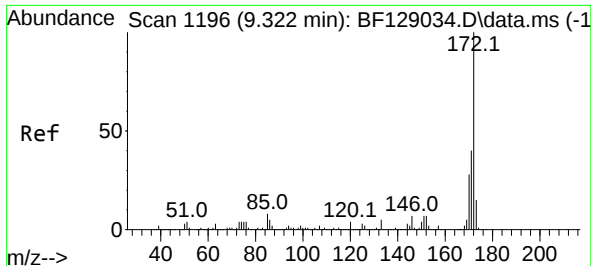
Tgt Ion:196 Resp: 679908
Ion Ratio Lower Upper
196 100
198 94.0 74.0 111.0
200 30.5 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 48.518 ng
RT: 9.269 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:196 Resp: 702025
Ion Ratio Lower Upper
196 100
198 95.5 75.7 113.5
97 47.8 36.4 54.6
132 29.3 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 75.694 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

Instrument :

BNA_F

ClientSampleId :

S-4MS

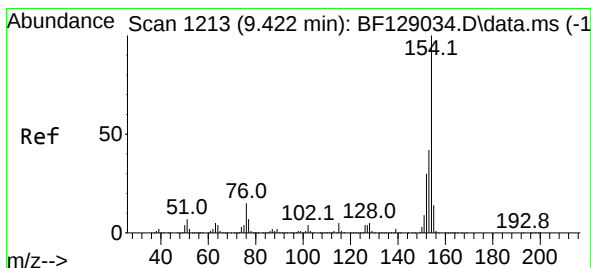
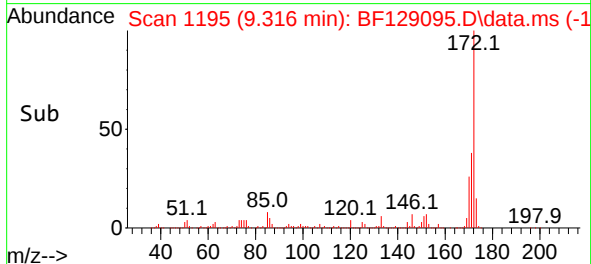
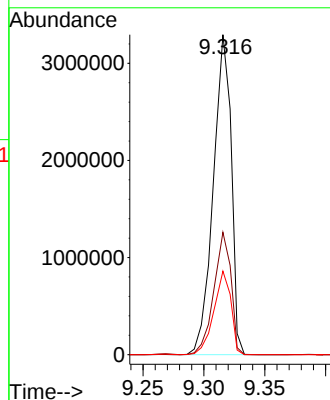
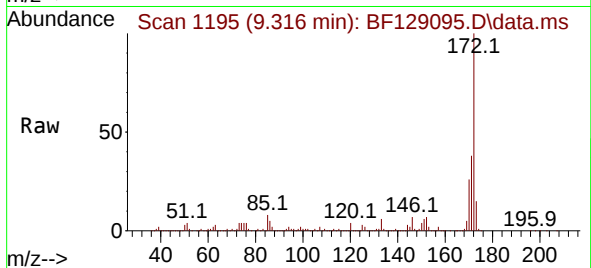
Tgt Ion:172 Resp: 3361742

Ion Ratio Lower Upper

172 100

171 38.2 28.8 43.2

170 26.1 19.8 29.8



#46

1,1'-Biphenyl

Concen: 49.922 ng

RT: 9.421 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

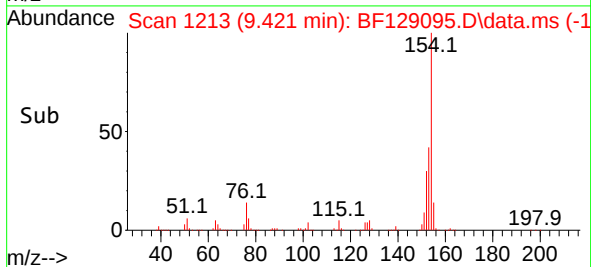
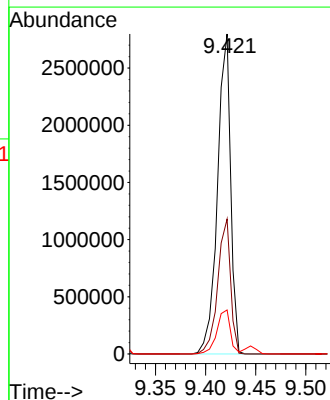
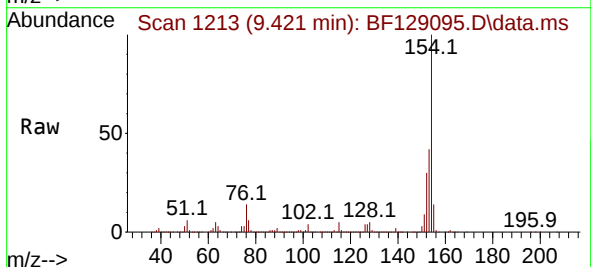
Tgt Ion:154 Resp: 2550029

Ion Ratio Lower Upper

154 100

153 42.1 20.6 60.6

76 13.7 0.0 33.3

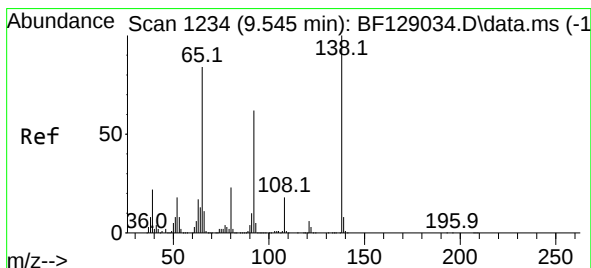
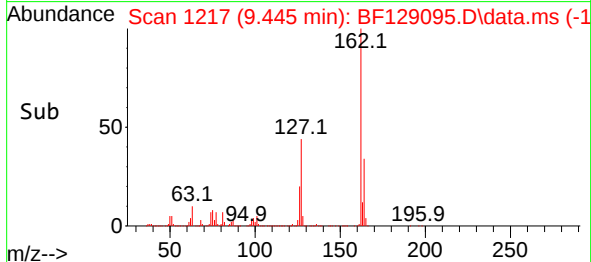
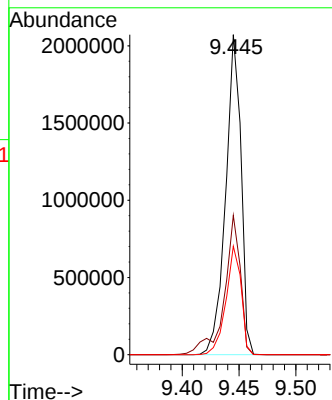
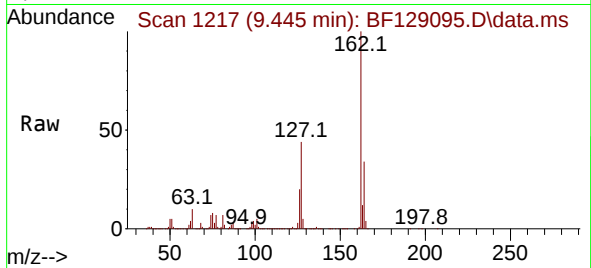




#47
2-Chloronaphthalene
Concen: 49.401 ng
RT: 9.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

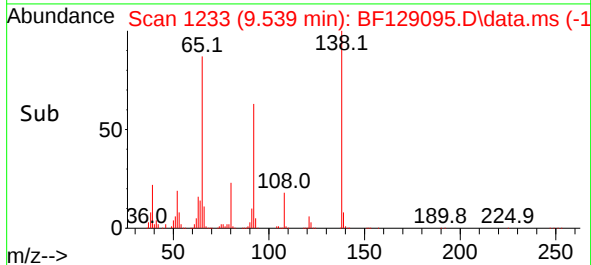
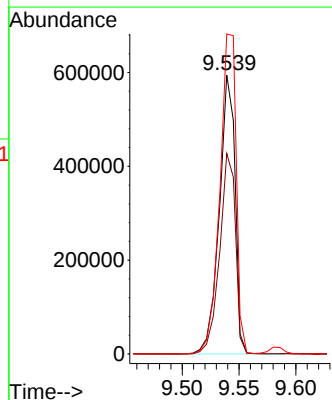
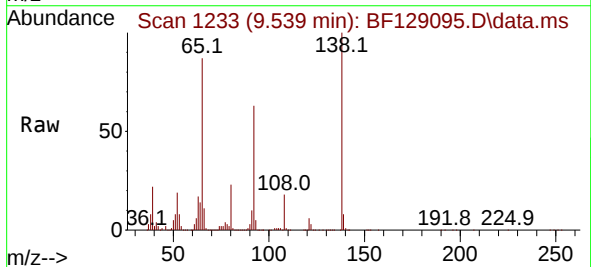
Instrument :
BNA_F
ClientSampleId :
S-4MS

Tgt Ion:162 Resp: 1948667
Ion Ratio Lower Upper
162 100
127 43.5 34.5 51.7
164 33.9 26.5 39.7



#48
2-Nitroaniline
Concen: 55.440 ng
RT: 9.539 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion: 65 Resp: 575976
Ion Ratio Lower Upper
65 100
92 71.9 51.9 77.9
138 114.8 76.4 114.6#





#49

Acenaphthylene

Concen: 50.931 ng

RT: 9.863 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

Instrument :

BNA_F

ClientSampleId :

S-4MS

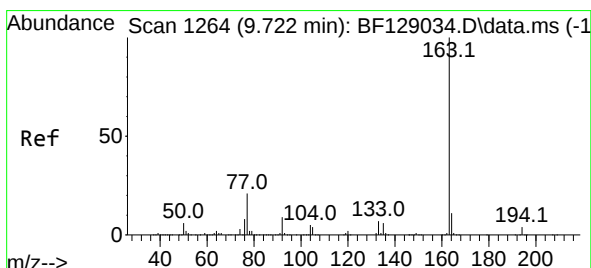
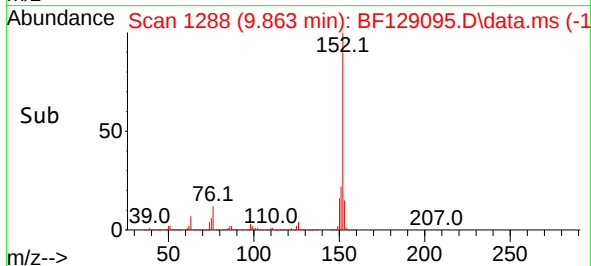
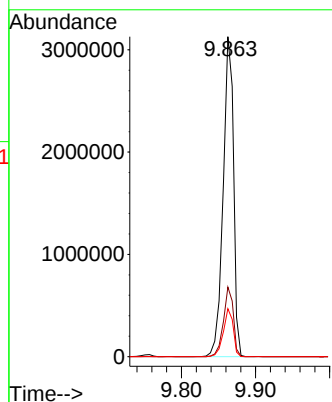
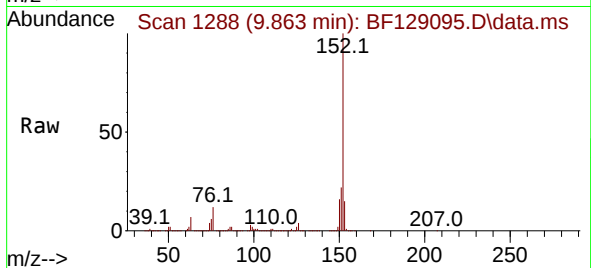
Tgt Ion:152 Resp: 3052687

Ion Ratio Lower Upper

152 100

151 21.7 16.2 24.4

153 15.0 10.7 16.1



#50

Dimethylphthalate

Concen: 49.560 ng

RT: 9.721 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

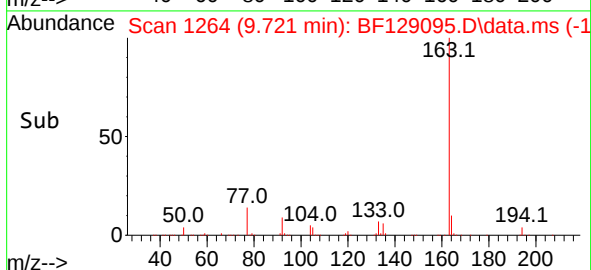
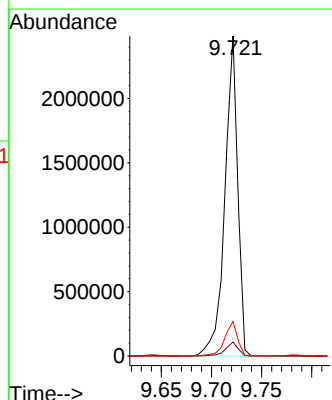
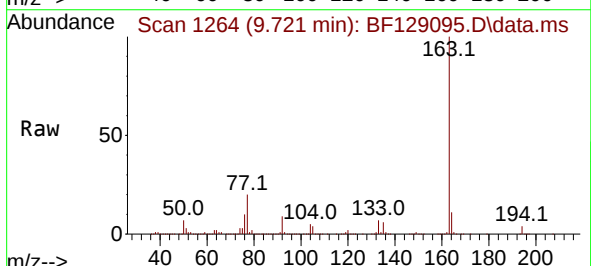
Tgt Ion:163 Resp: 2202885

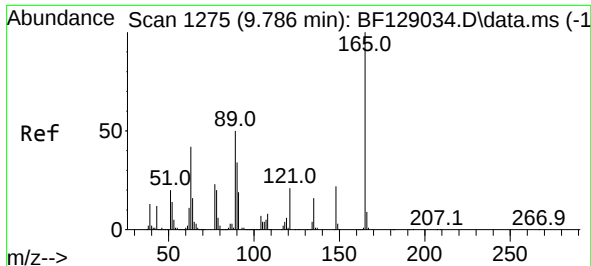
Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

164 10.8 8.2 12.2

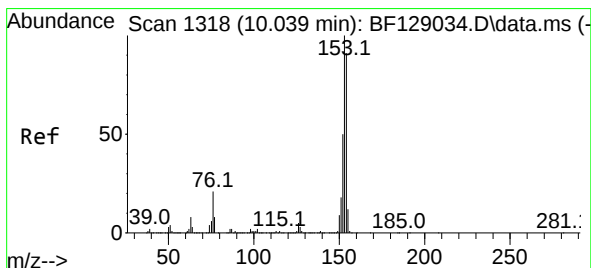
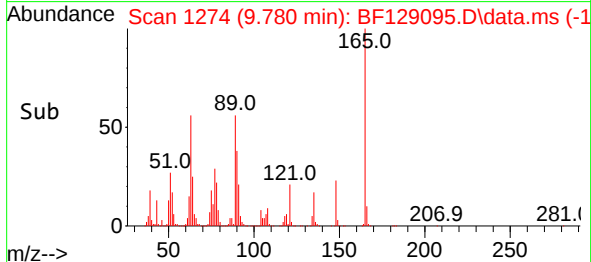
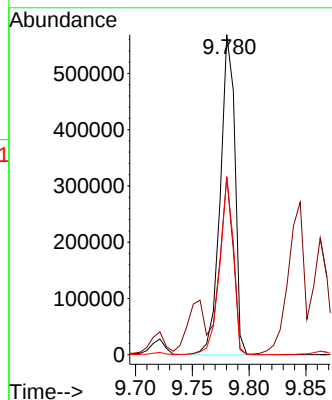
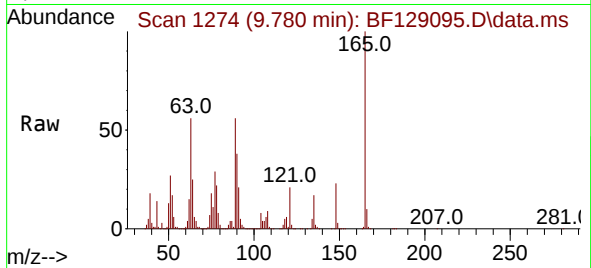




#51
2,6-Dinitrotoluene
Concen: 56.449 ng
RT: 9.780 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

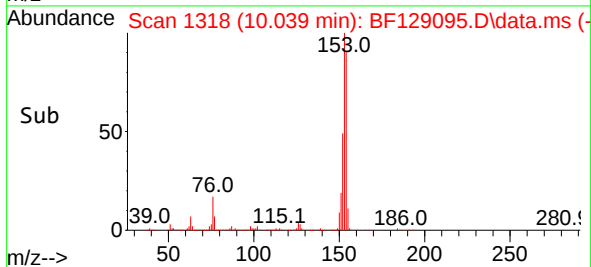
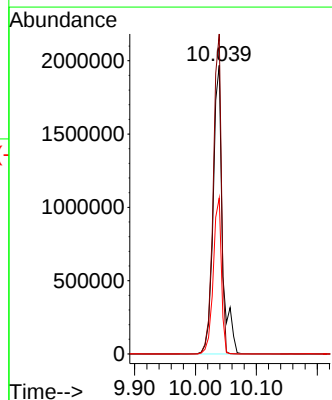
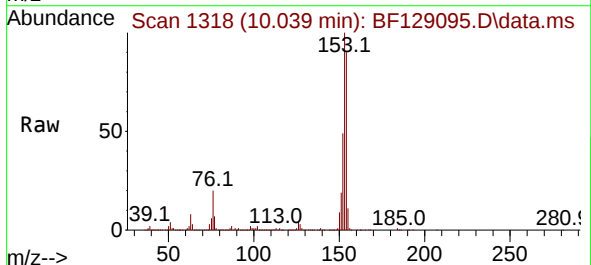
Instrument :
BNA_F
ClientSampleId :
S-4MS

Tgt Ion:165 Resp: 512714
Ion Ratio Lower Upper
165 100
63 55.6 44.9 67.3
89 55.7 43.6 65.4



#52
Acenaphthene
Concen: 53.596 ng
RT: 10.039 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:154 Resp: 2092502
Ion Ratio Lower Upper
154 100
153 110.9 89.6 134.4
152 54.0 42.4 63.6

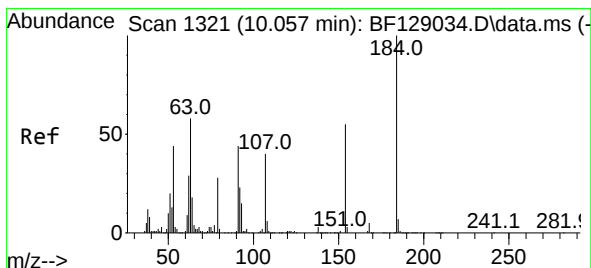
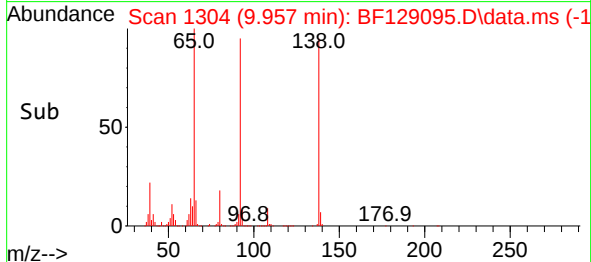
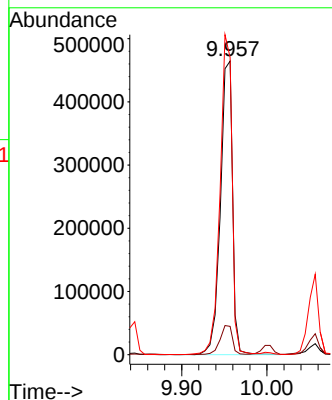
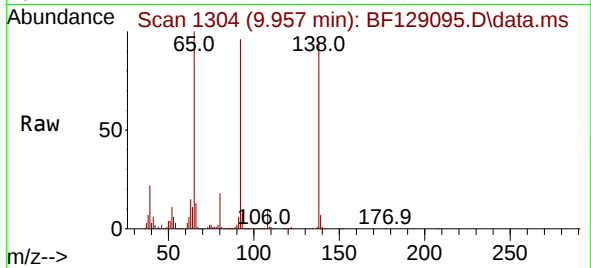




#53
3-Nitroaniline
Concen: 42.358 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

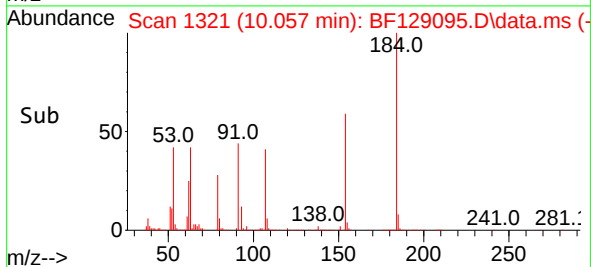
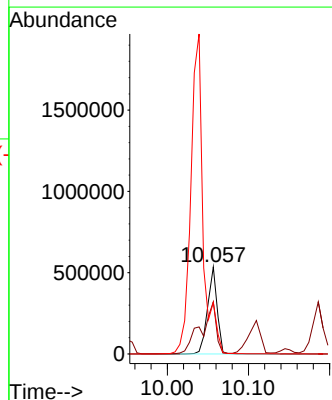
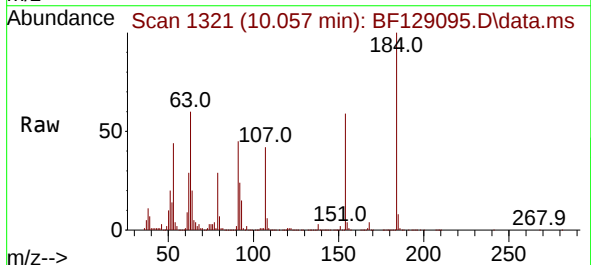
Instrument :
BNA_F
ClientSampleId :
S-4MS

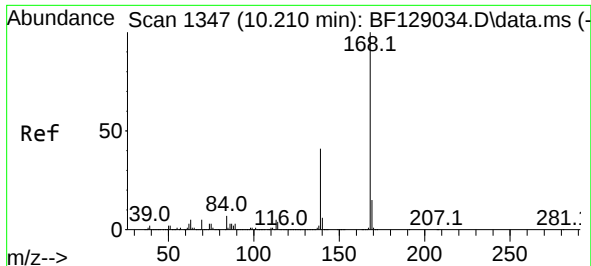
Tgt Ion:138 Resp: 458801
Ion Ratio Lower Upper
138 100
108 9.6 10.9 16.3#
92 101.2 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 88.562 ng
RT: 10.057 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:184 Resp: 438953
Ion Ratio Lower Upper
184 100
63 60.0 64.5 96.7#
154 59.1 50.6 75.8

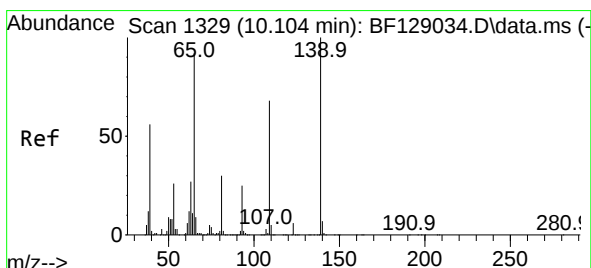
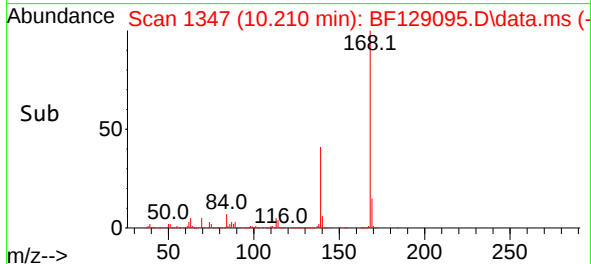
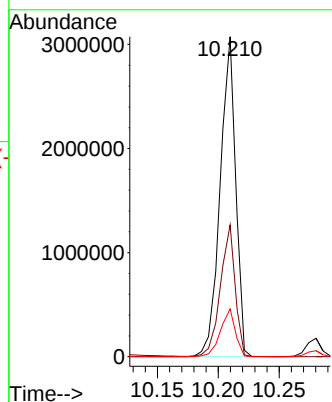
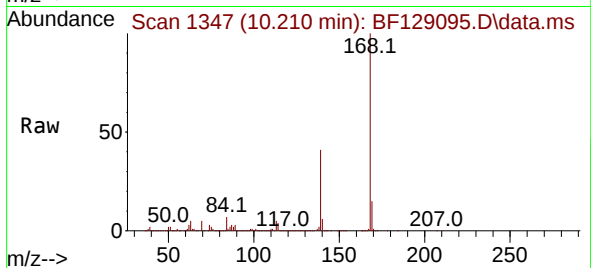




#55
Dibenzofuran
Concen: 48.122 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

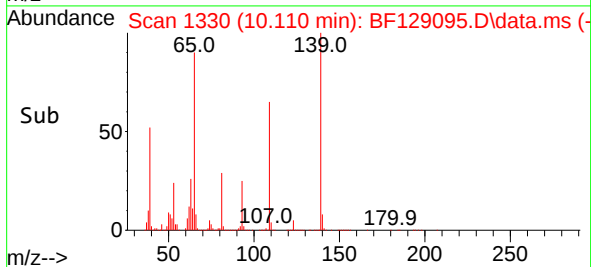
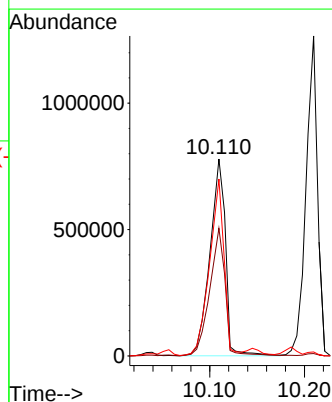
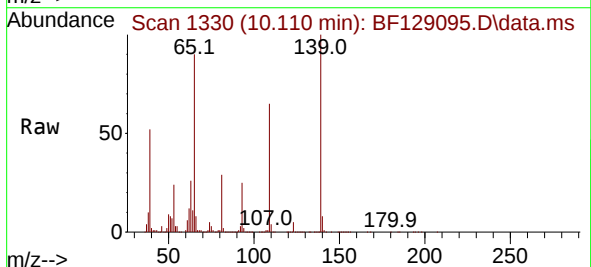
Instrument :
BNA_F
ClientSampleId :
S-4MS

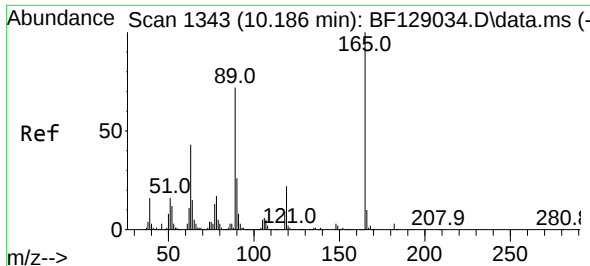
Tgt Ion:168 Resp: 2735704
Ion Ratio Lower Upper
168 100
139 41.2 30.6 46.0
169 14.9 11.0 16.6



#56
4-Nitrophenol
Concen: 100.037 ng
RT: 10.110 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:139 Resp: 885318
Ion Ratio Lower Upper
139 100
109 64.8 50.7 90.7
65 89.8 74.5 114.5

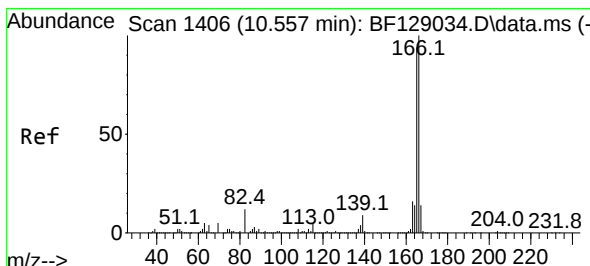
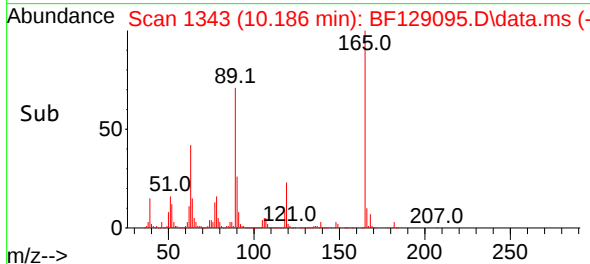
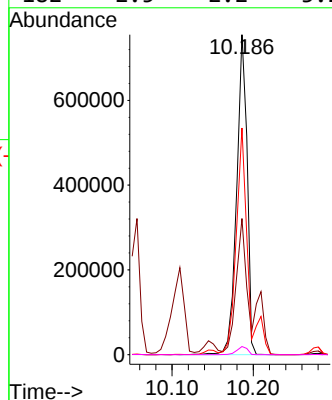
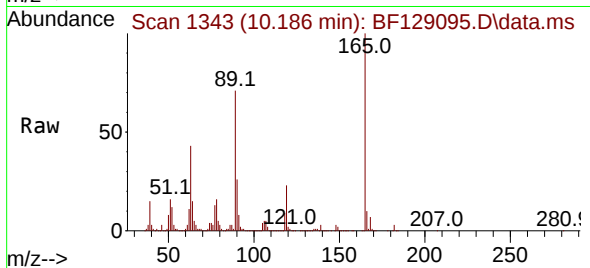




#57
2,4-Dinitrotoluene
Concen: 60.034 ng
RT: 10.186 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

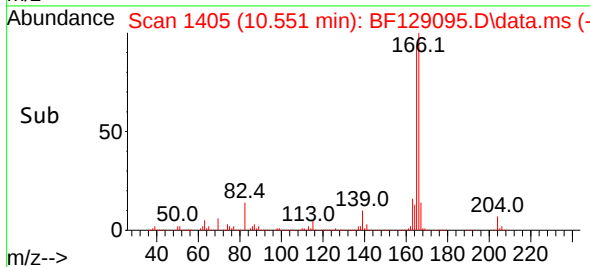
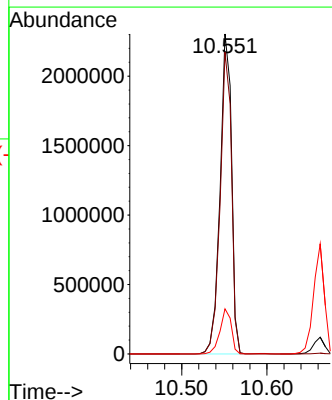
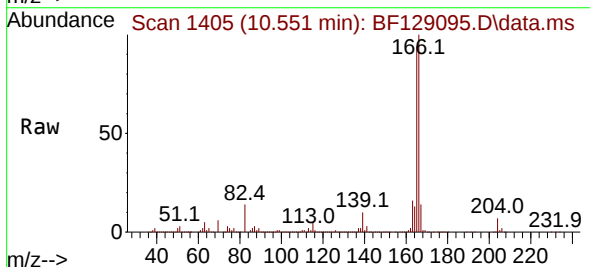
Instrument :
BNA_F
ClientSampleId :
S-4MS

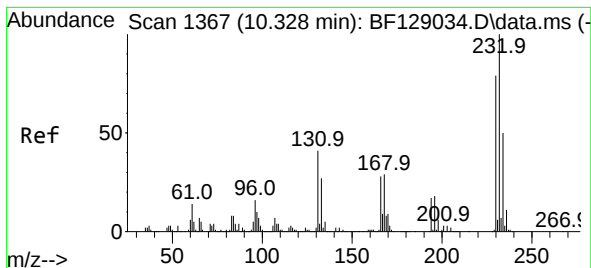
Tgt Ion:165 Resp: 673164
Ion Ratio Lower Upper
165 100
63 42.5 39.8 59.6
89 70.9 60.2 90.2
182 2.5 2.2 3.2



#58
Fluorene
Concen: 49.035 ng
RT: 10.551 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:166 Resp: 2156269
Ion Ratio Lower Upper
166 100
165 94.3 78.1 117.1
167 14.1 10.5 15.7

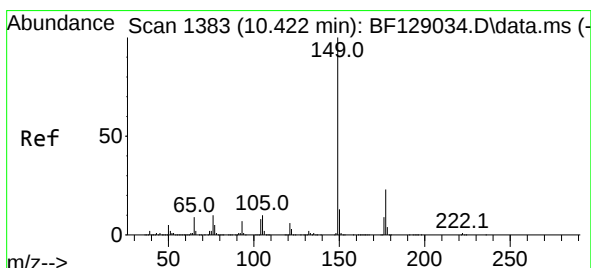
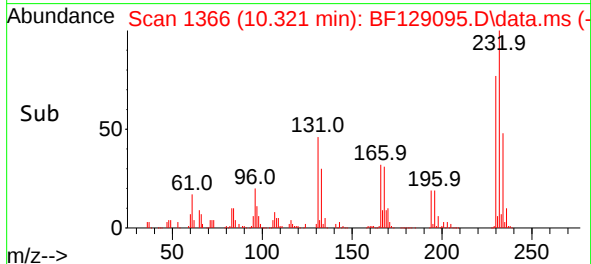
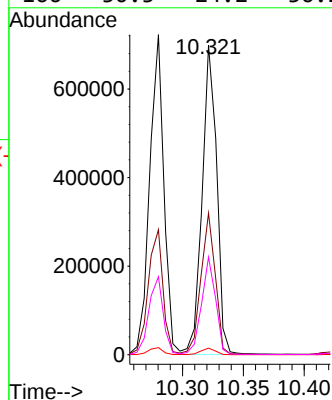
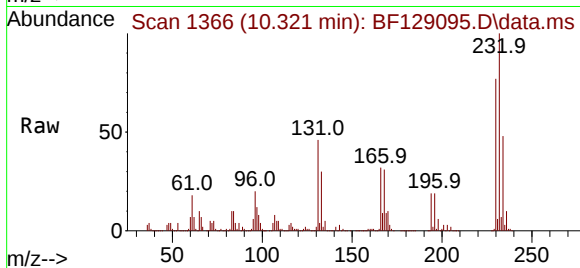




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.455 ng
RT: 10.321 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

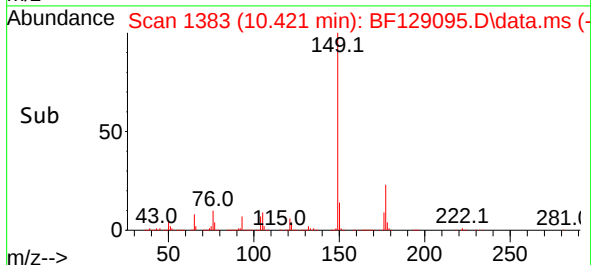
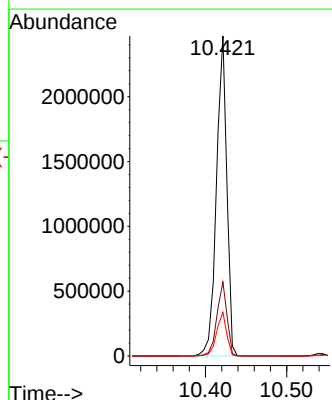
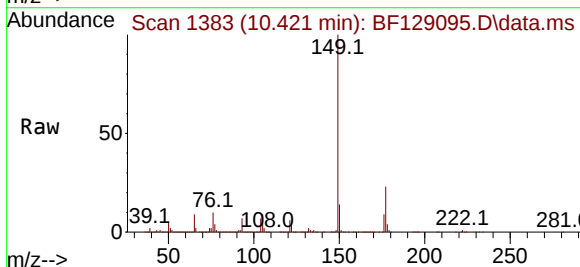
Instrument :
BNA_F
ClientSampleId :
S-4MS

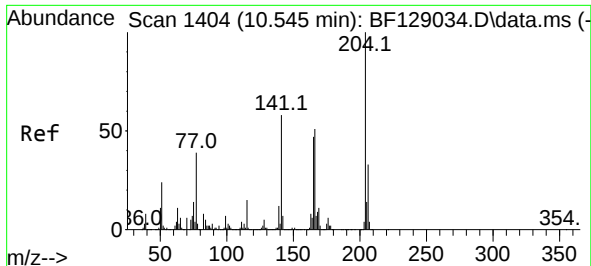
Tgt Ion:232 Resp: 580841
Ion Ratio Lower Upper
232 100
131 45.0 36.1 54.1
130 2.1 1.8 2.8
166 30.3 24.2 36.2



#60
Diethylphthalate
Concen: 48.937 ng
RT: 10.421 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:149 Resp: 2179594
Ion Ratio Lower Upper
149 100
177 23.1 17.3 25.9
150 13.6 10.2 15.2

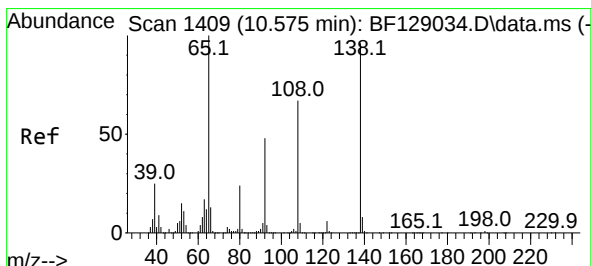
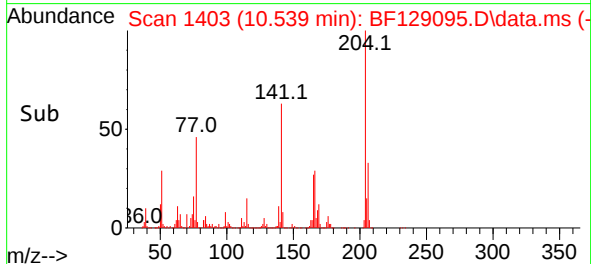
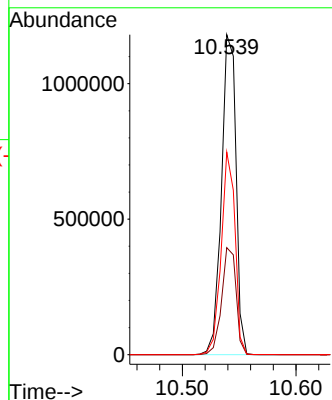
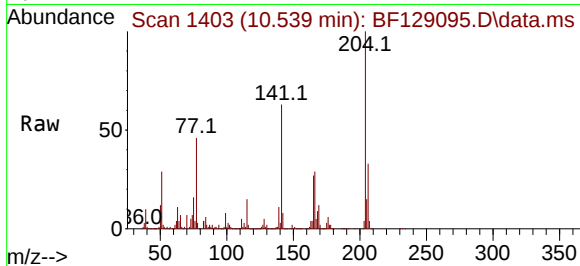




#61
4-Chlorophenyl-phenylether
Concen: 48.081 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

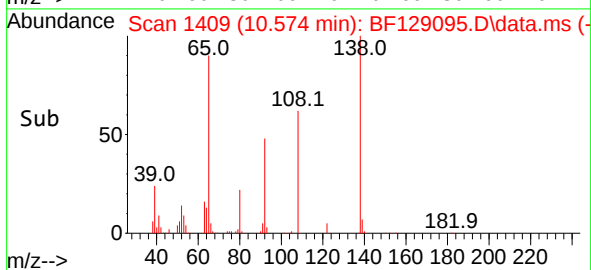
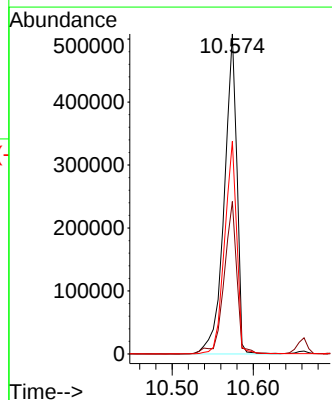
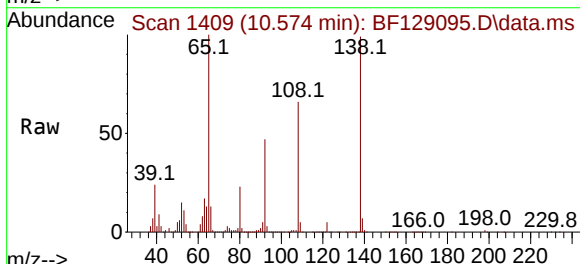
Instrument :
BNA_F
ClientSampleId :
S-4MS

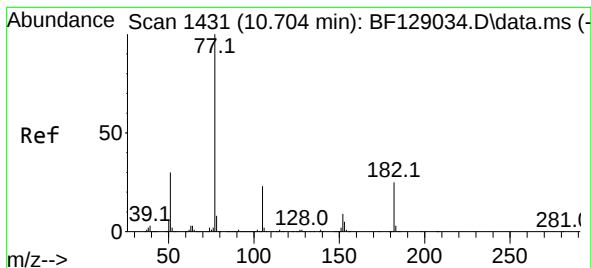
Tgt Ion:204 Resp: 1053445
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.6
141 63.3 47.0 70.4



#62
4-Nitroaniline
Concen: 51.354 ng
RT: 10.574 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:138 Resp: 551582
Ion Ratio Lower Upper
138 100
92 47.7 33.5 73.5
108 66.4 61.0 101.0





#63

Azobenzene

Concen: 48.394 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.000 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

Instrument :

BNA_F

ClientSampleId :

S-4MS

Tgt Ion: 77 Resp: 2111773

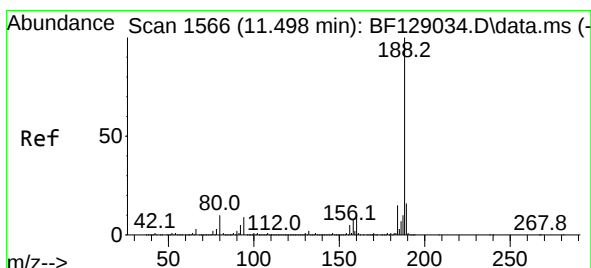
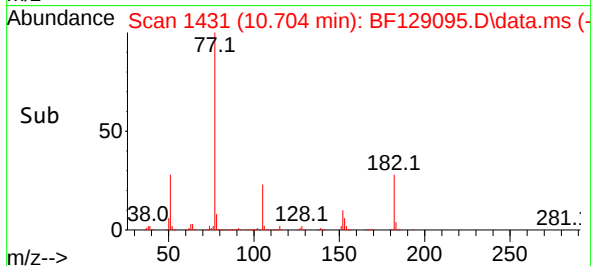
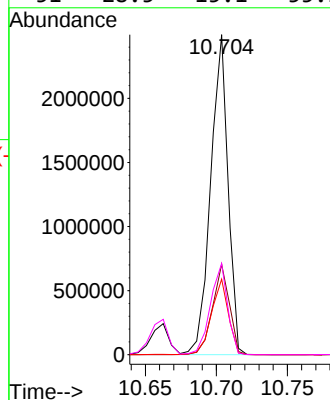
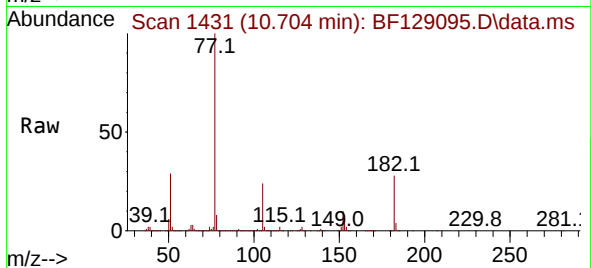
Ion Ratio Lower Upper

77 100

182 28.2 5.6 45.6

105 23.6 1.6 41.6

51 28.5 15.1 55.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1565

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

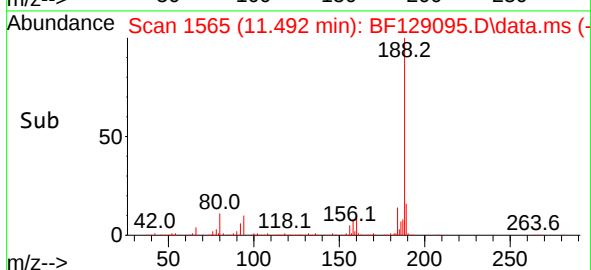
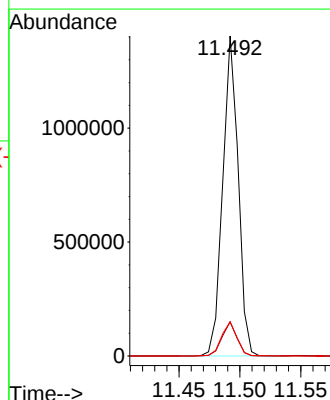
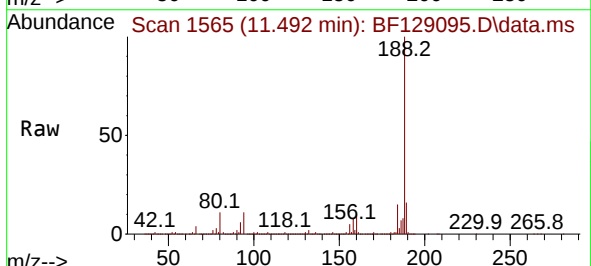
Tgt Ion: 188 Resp: 1242341

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 10.7 7.6 11.4

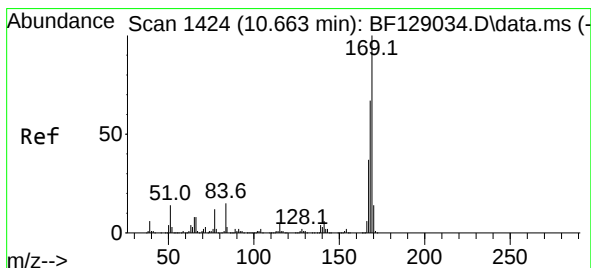
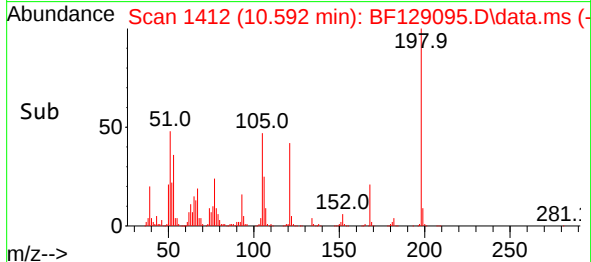
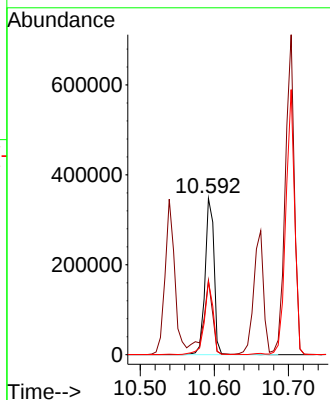
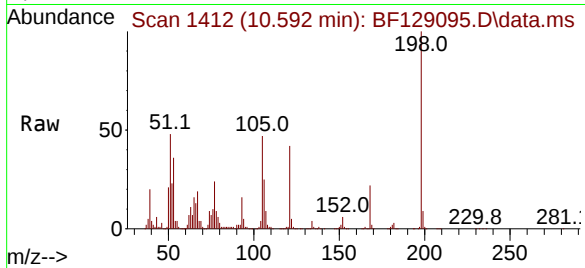




#65
4,6-Dinitro-2-methylphenol
Concen: 53.285 ng
RT: 10.592 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

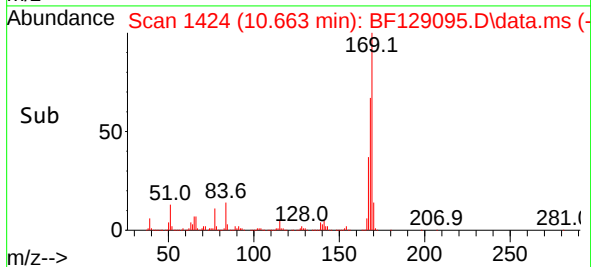
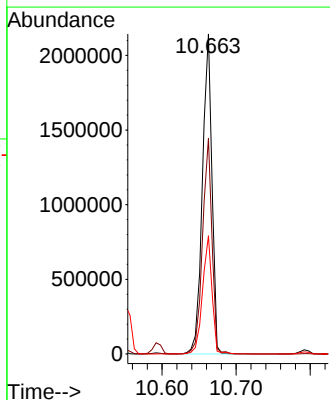
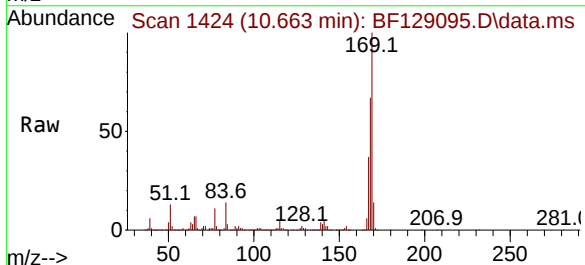
Instrument :
BNA_F
ClientSampleId :
S-4MS

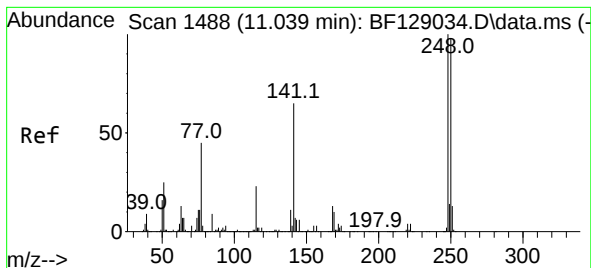
Tgt Ion:198 Resp: 292870
Ion Ratio Lower Upper
198 100
51 47.6 37.6 77.6
105 46.8 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 50.771 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:169 Resp: 1915622
Ion Ratio Lower Upper
169 100
168 67.4 50.1 75.1
167 37.0 27.9 41.9

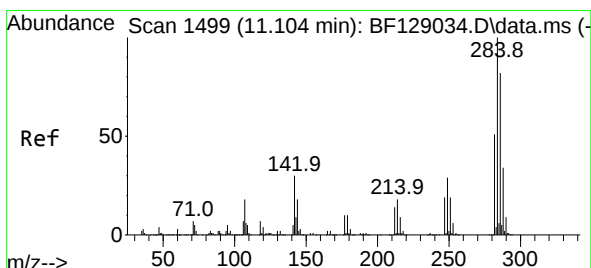
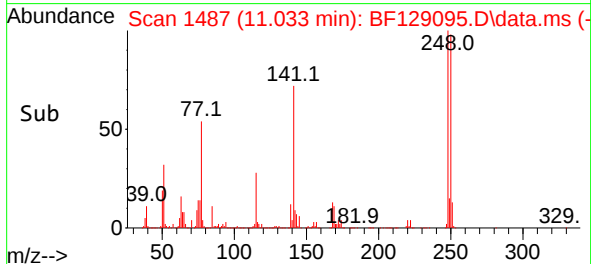
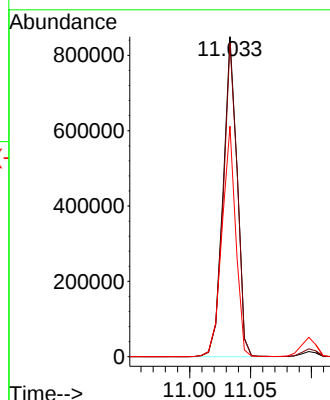
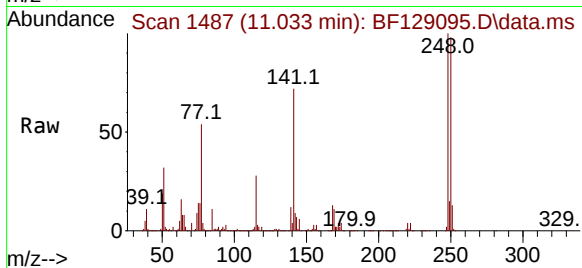




#67
4-Bromophenyl-phenylether
Concen: 51.614 ng
RT: 11.033 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

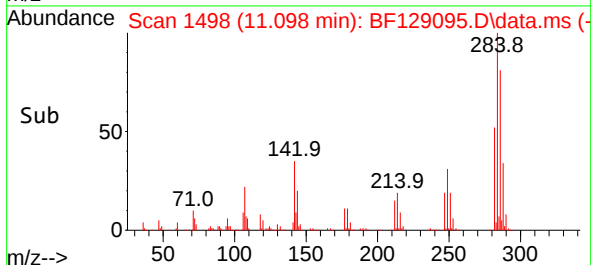
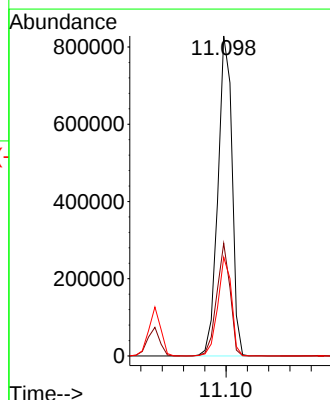
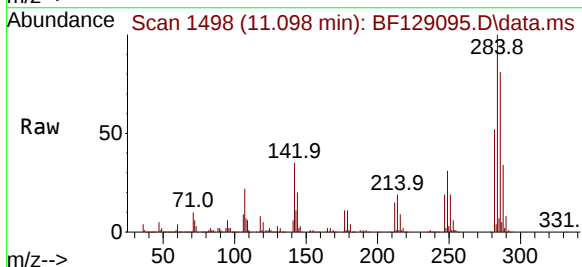
Instrument :
BNA_F
ClientSampleId :
S-4MS

Tgt Ion:248 Resp: 682093
Ion Ratio Lower Upper
248 100
250 98.0 80.6 120.8
141 72.0 58.9 88.3



#68
Hexachlorobenzene
Concen: 51.667 ng
RT: 11.098 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:284 Resp: 760301
Ion Ratio Lower Upper
284 100
142 35.2 29.0 43.4
249 30.9 25.0 37.6





#69

Atrazine

Concen: 60.142 ng

RT: 11.186 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

Instrument :

BNA_F

ClientSampleId :

S-4MS

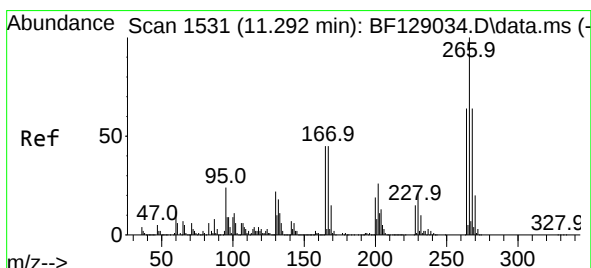
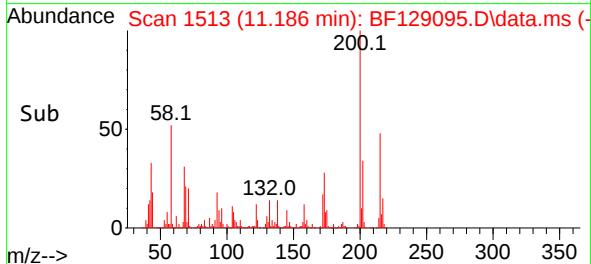
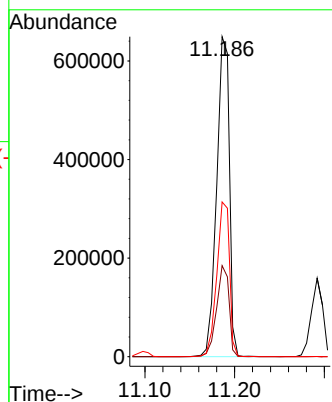
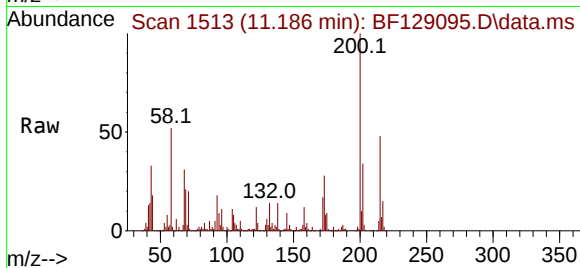
Tgt Ion:200 Resp: 638533

Ion Ratio Lower Upper

200 100

173 28.5 6.3 46.3

215 48.4 28.3 68.3



#70

Pentachlorophenol

Concen: 92.164 ng

RT: 11.292 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

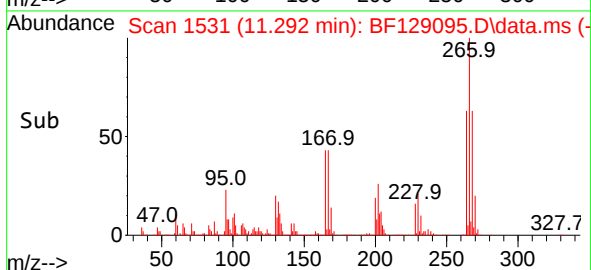
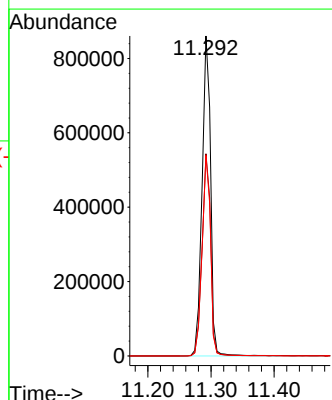
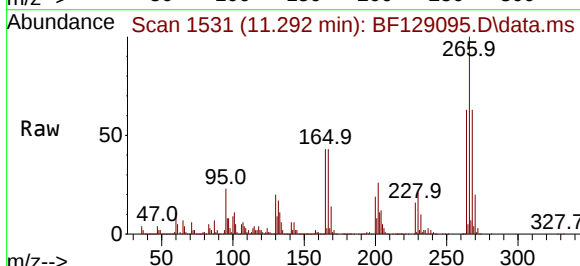
Tgt Ion:266 Resp: 807797

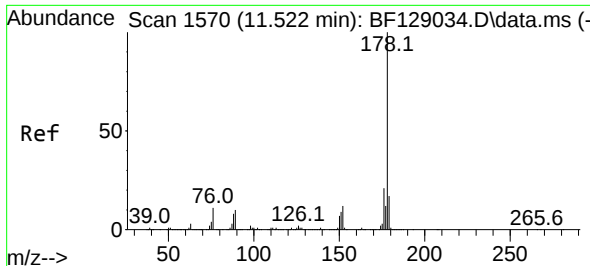
Ion Ratio Lower Upper

266 100

268 63.2 51.0 76.4

264 62.7 49.4 74.2

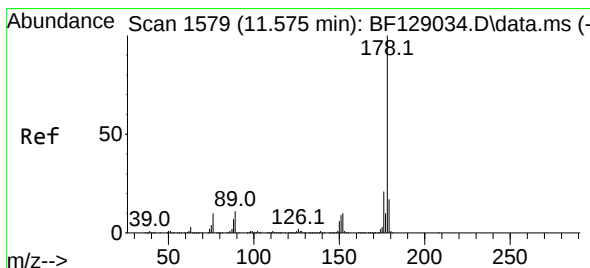
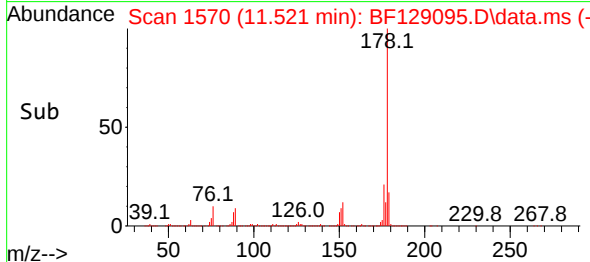
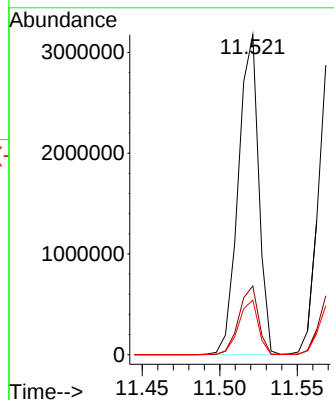
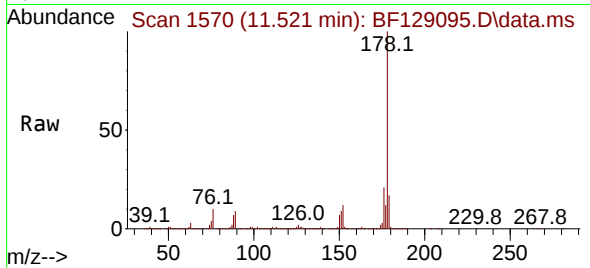




#71
Phenanthrene
Concen: 48.886 ng
RT: 11.521 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

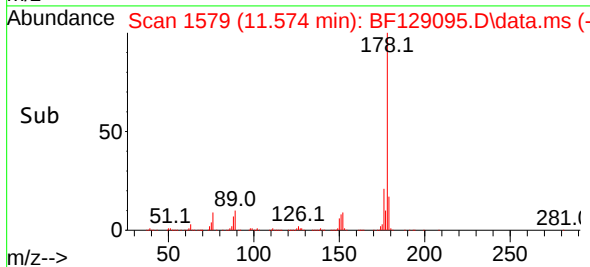
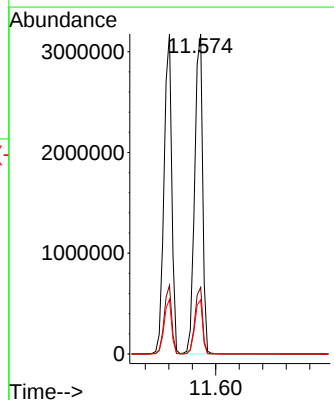
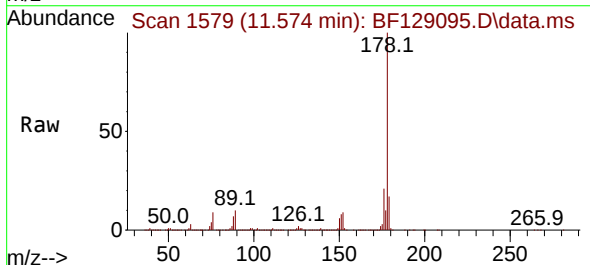
Instrument :
BNA_F
ClientSampleId :
S-4MS

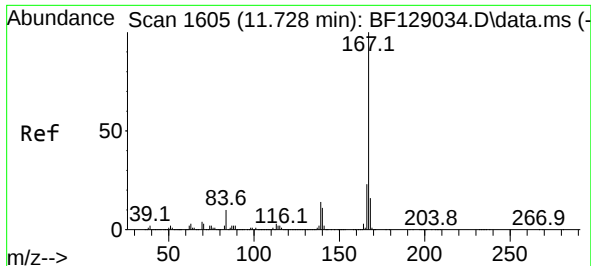
Tgt Ion:178 Resp: 2901784
Ion Ratio Lower Upper
178 100
176 21.5 16.0 24.0
179 17.0 12.6 19.0



#72
Anthracene
Concen: 50.699 ng
RT: 11.574 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:178 Resp: 2967128
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.2
179 16.9 12.6 19.0

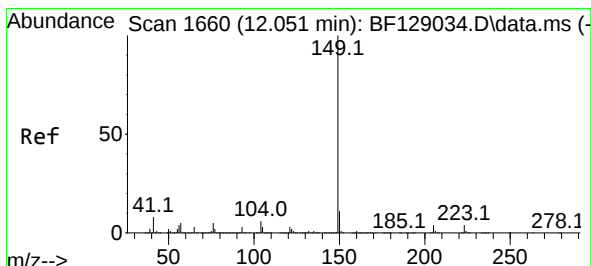
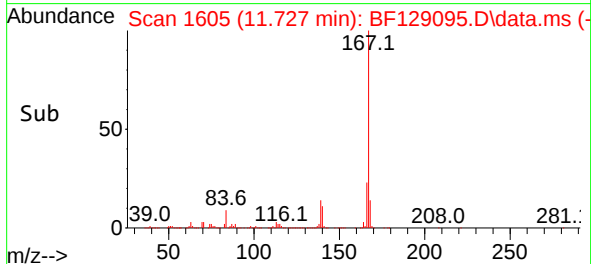
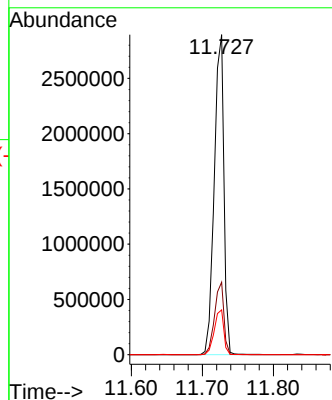
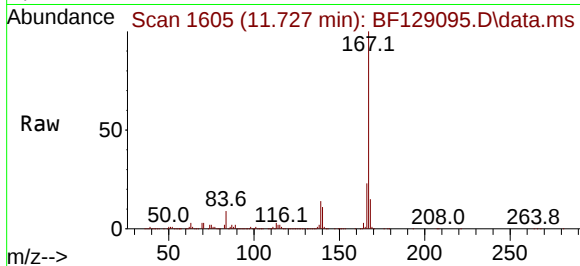




#73
 Carbazole
 Concen: 46.620 ng
 RT: 11.727 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF129095.D
 Acq: 01 Jul 2022 16:55

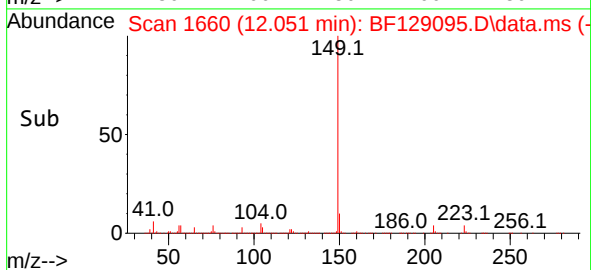
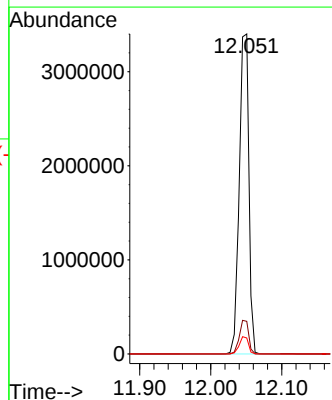
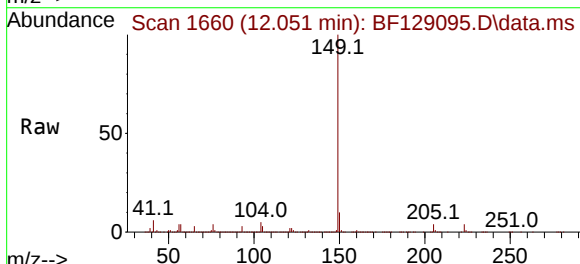
Instrument :
 BNA_F
 ClientSampleId :
 S-4MS

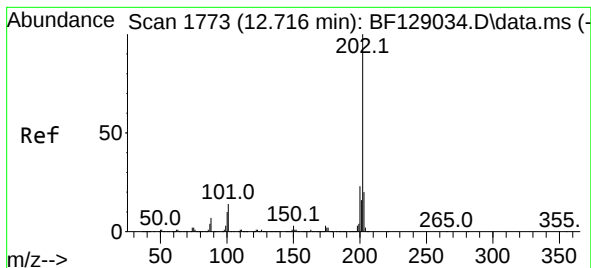
Tgt Ion:167 Resp: 2733920
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.7 26.5
 139 14.0 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 51.921 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: BF129095.D
 Acq: 01 Jul 2022 16:55

Tgt Ion:149 Resp: 3210329
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.5 11.3
 104 5.0 4.4 6.6





#75

Fluoranthene

Concen: 48.541 ng

RT: 12.709 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

Instrument :

BNA_F

ClientSampleId :

S-4MS

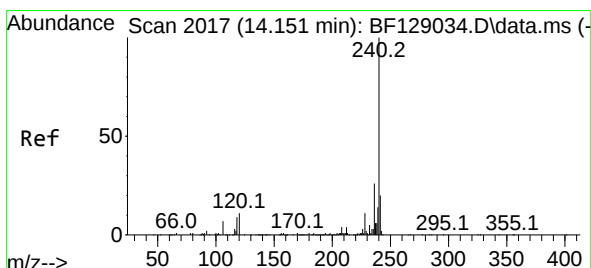
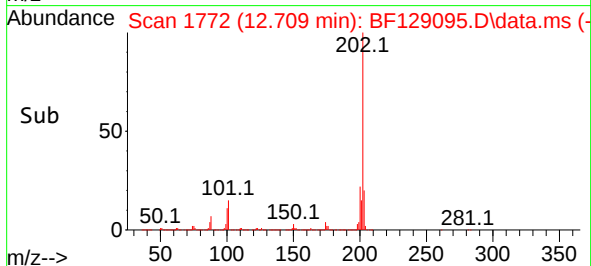
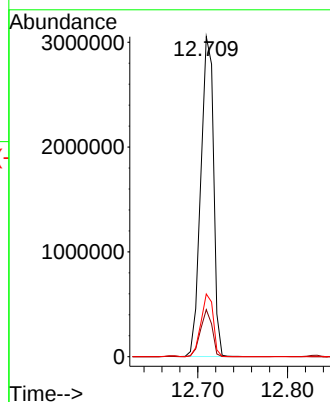
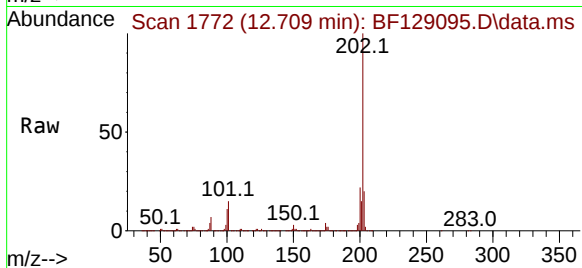
Tgt Ion:202 Resp: 3013323

Ion Ratio Lower Upper

202 100

101 14.7 0.0 31.4

203 19.6 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

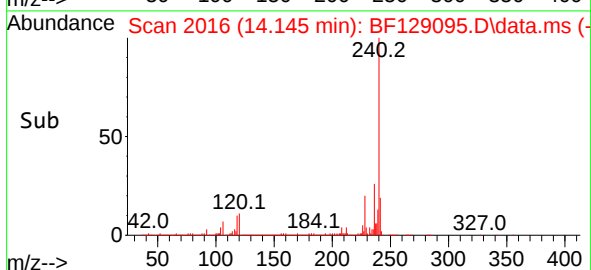
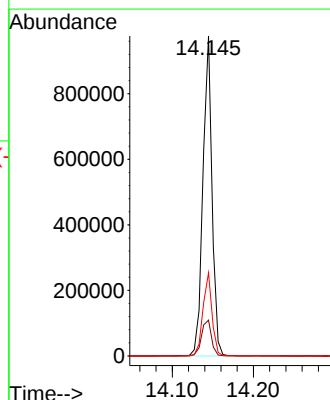
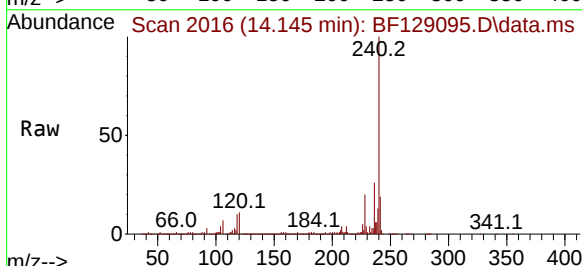
Tgt Ion:240 Resp: 760925

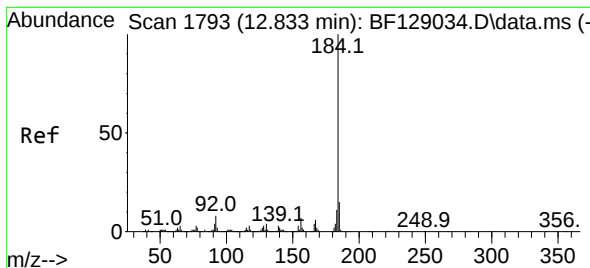
Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 26.0 20.8 31.2





#77

Benzidine

Concen: 128.473 ng

RT: 12.833 min Scan# 1793

Delta R.T. -0.000 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

Instrument :

BNA_F

ClientSampleId :

S-4MS

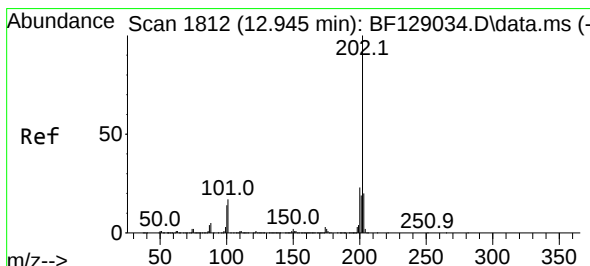
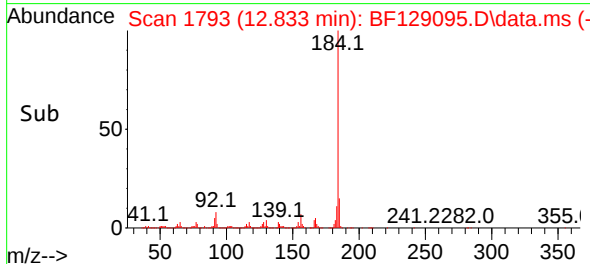
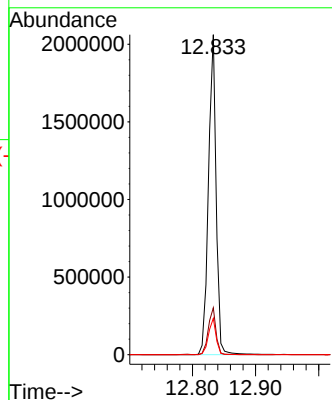
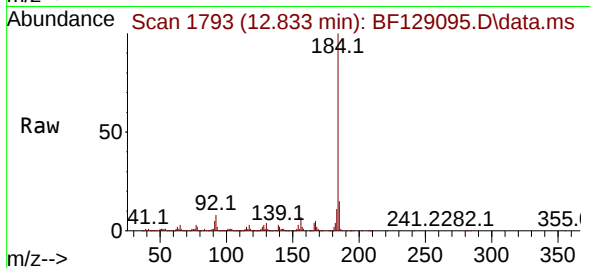
Tgt Ion:184 Resp: 1740723

Ion Ratio Lower Upper

184 100

185 14.6 11.9 17.9

183 11.3 9.3 13.9



#78

Pyrene

Concen: 57.169 ng

RT: 12.945 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

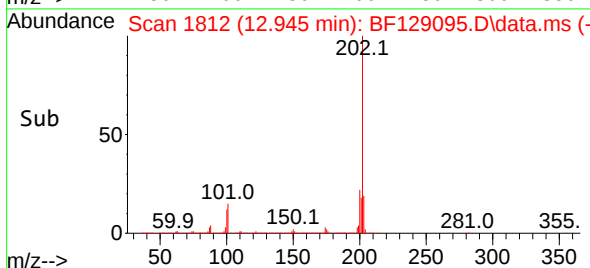
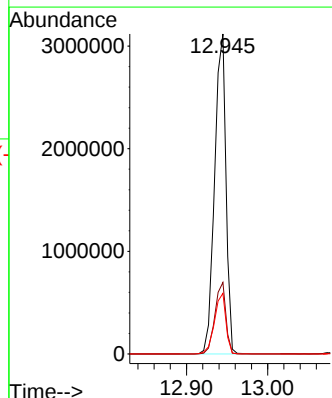
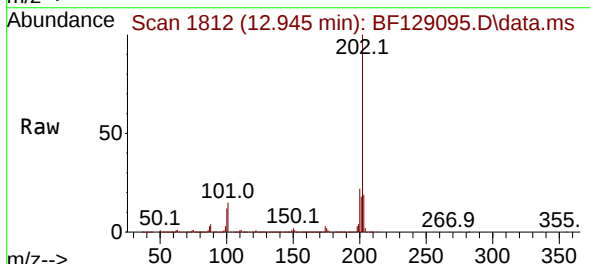
Tgt Ion:202 Resp: 3015318

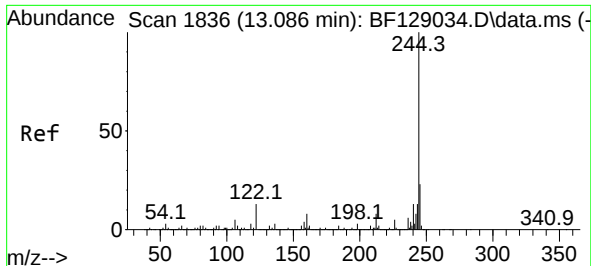
Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

203 19.0 14.6 21.8

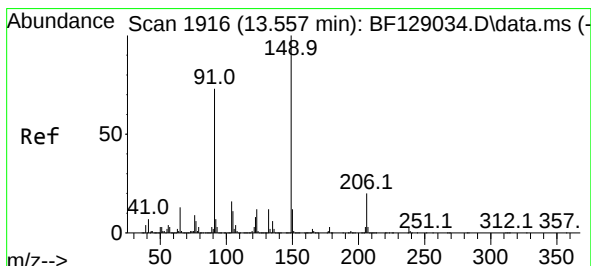
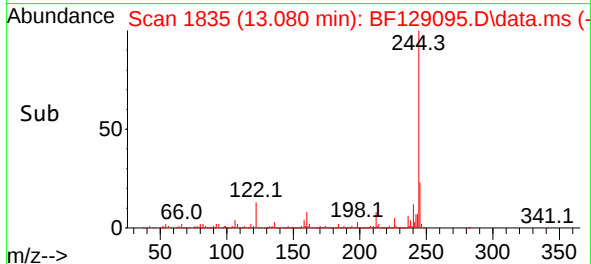
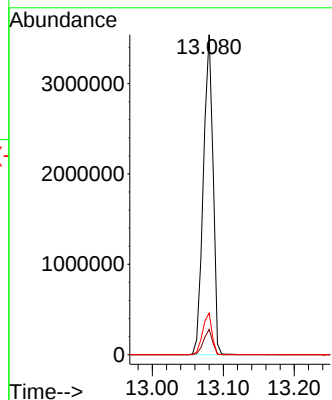
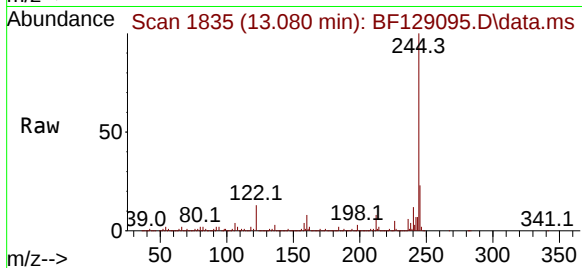




#79
 Terphenyl-d14
 Concen: 91.613 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129095.D
 Acq: 01 Jul 2022 16:55

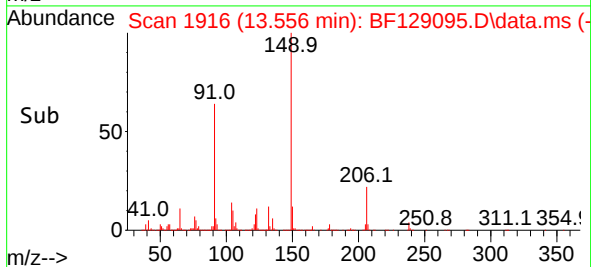
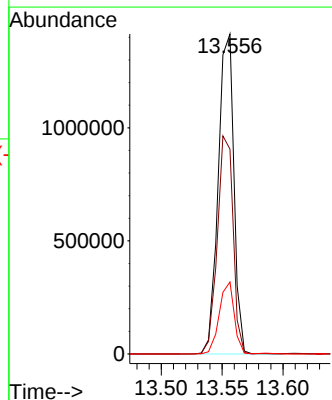
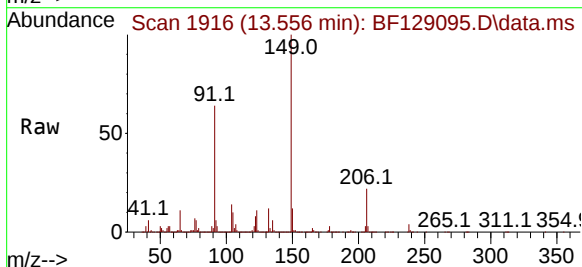
Instrument :
 BNA_F
 ClientSampleId :
 S-4MS

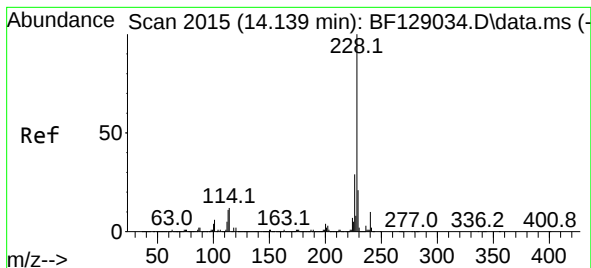
Tgt Ion:244 Resp: 3356915
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 13.0 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 59.257 ng
 RT: 13.556 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF129095.D
 Acq: 01 Jul 2022 16:55

Tgt Ion:149 Resp: 1273264
 Ion Ratio Lower Upper
 149 100
 91 64.0 61.2 91.8
 206 22.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 50.598 ng

RT: 14.133 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

Instrument :

BNA_F

ClientSampleId :

S-4MS

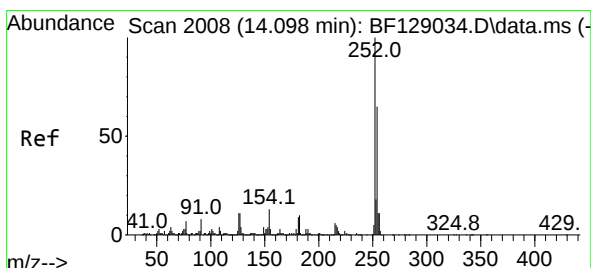
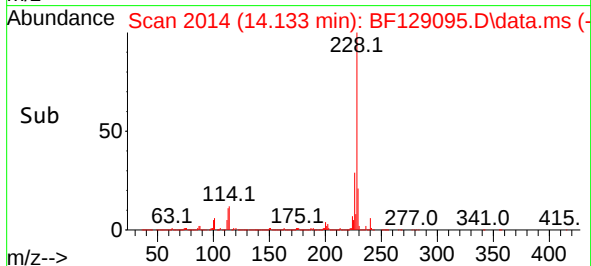
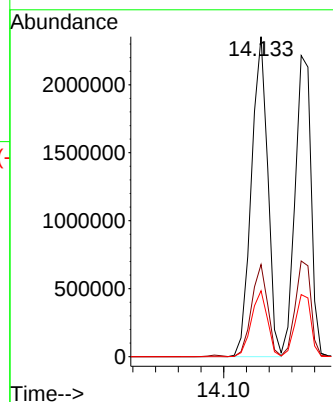
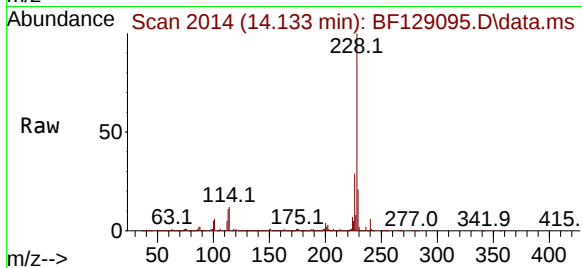
Tgt Ion:228 Resp: 2350813

Ion Ratio Lower Upper

228 100

226 28.8 22.1 33.1

229 20.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 57.344 ng

RT: 14.092 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

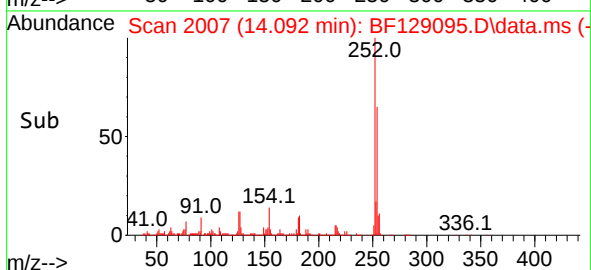
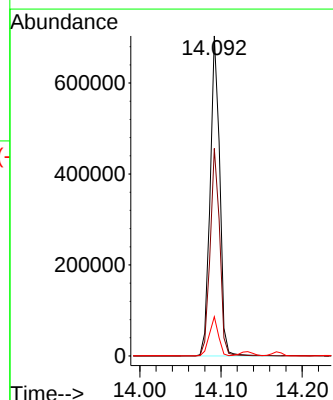
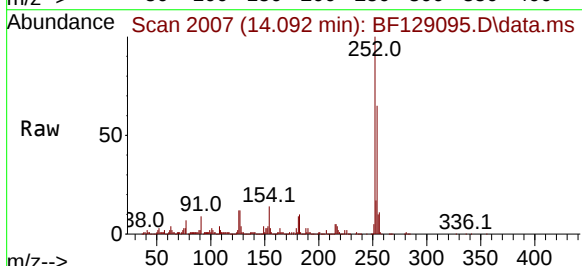
Tgt Ion:252 Resp: 575675

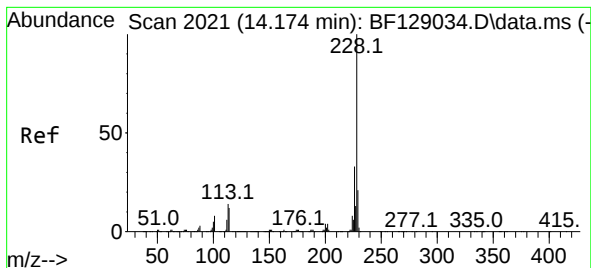
Ion Ratio Lower Upper

252 100

254 64.9 50.2 75.4

126 12.2 8.2 12.4





#83

Chrysene

Concen: 50.160 ng

RT: 14.168 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

Instrument :

BNA_F

ClientSampleId :

S-4MS

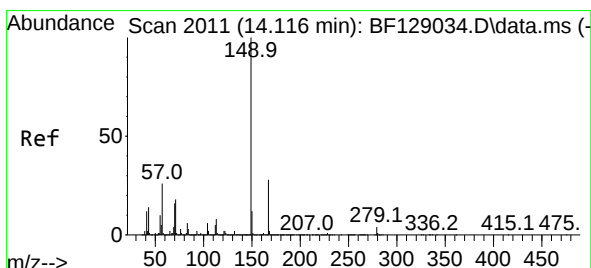
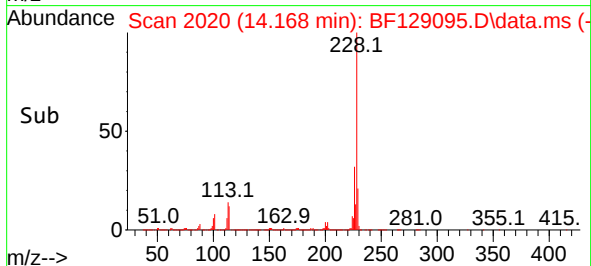
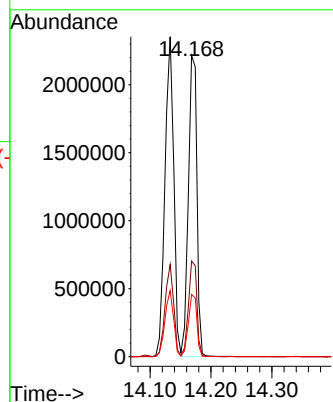
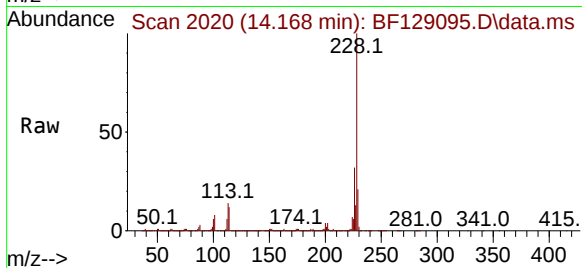
Tgt Ion:228 Resp: 2163509

Ion Ratio Lower Upper

228 100

226 31.8 24.3 36.5

229 20.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.637 ng

RT: 14.109 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

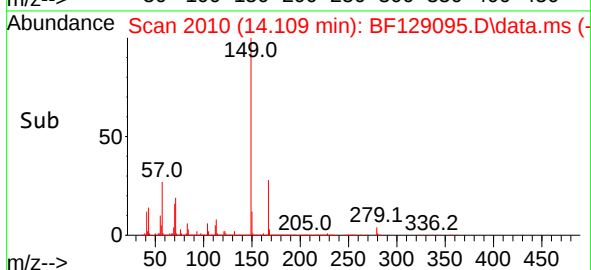
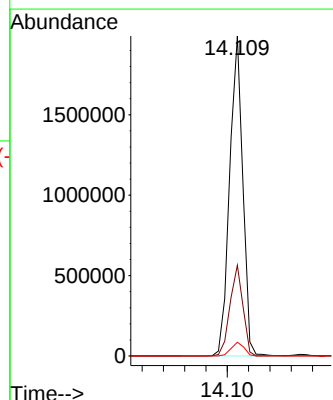
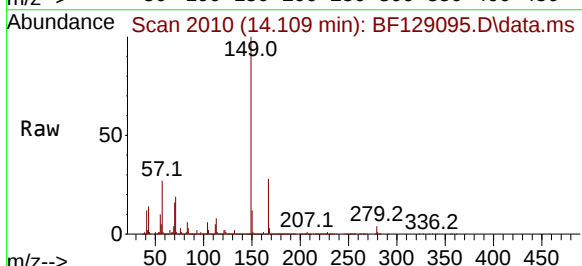
Tgt Ion:149 Resp: 1703018

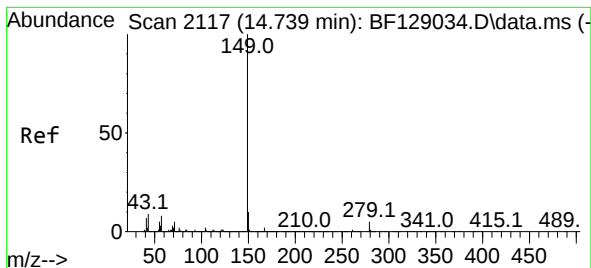
Ion Ratio Lower Upper

149 100

167 28.3 21.0 31.4

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 54.637 ng

RT: 14.727 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

Instrument :

BNA_F

ClientSampleId :

S-4MS

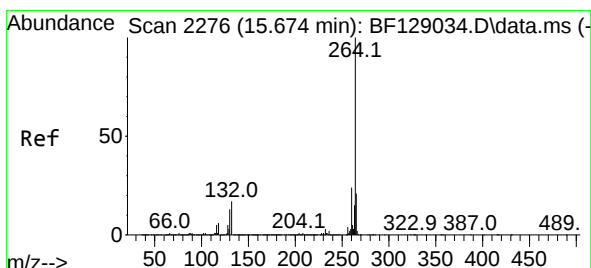
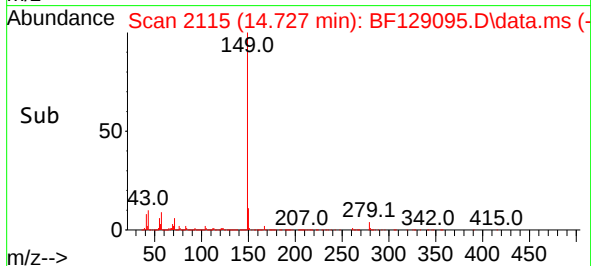
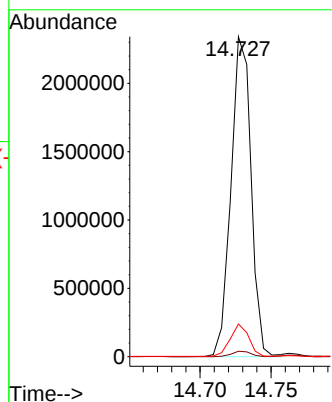
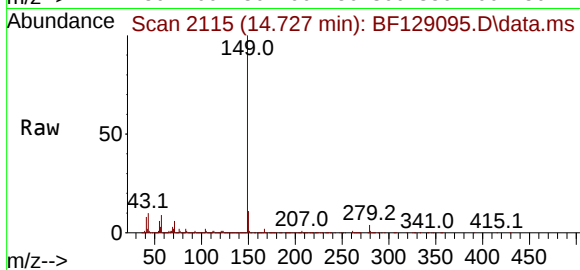
Tgt Ion:149 Resp: 2303221

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.3 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.662 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF129095.D

Acq: 01 Jul 2022 16:55

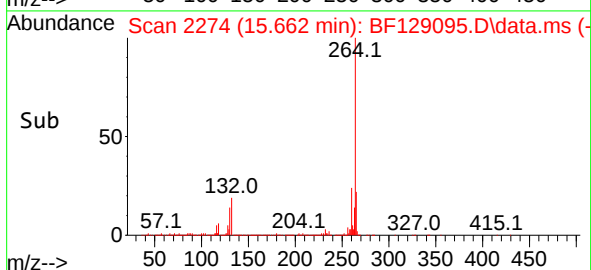
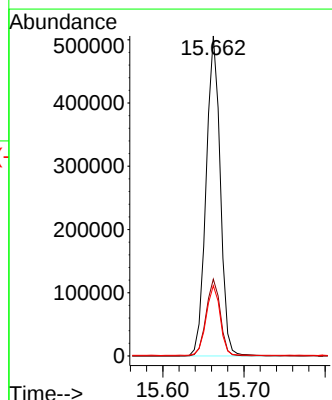
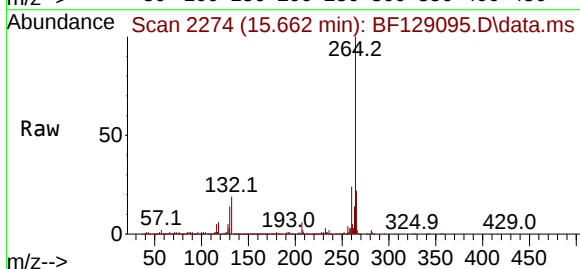
Tgt Ion:264 Resp: 610437

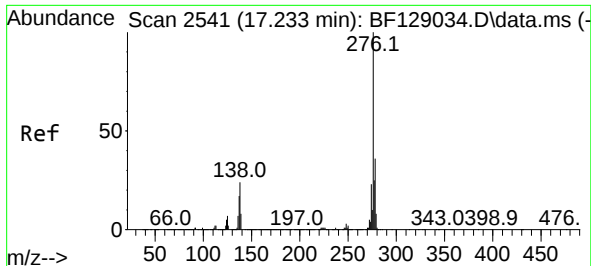
Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.9 17.2 25.8

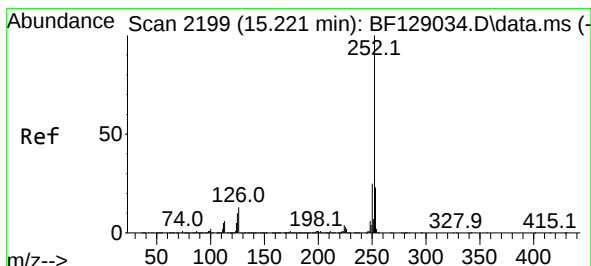
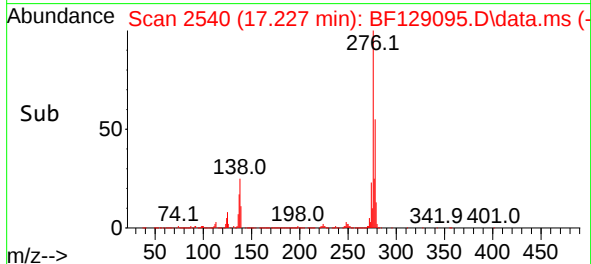
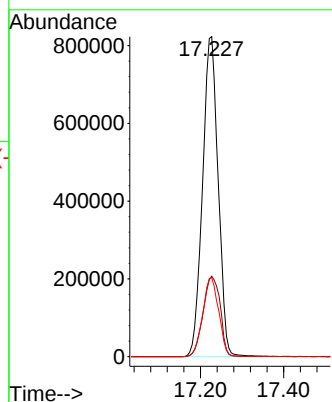
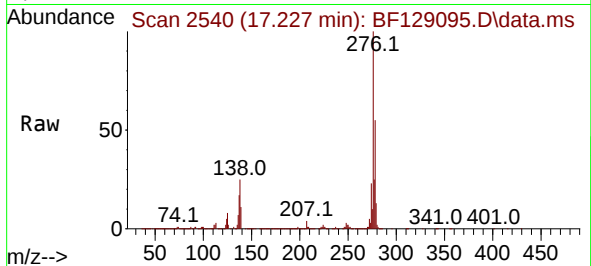




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 57.421 ng
 RT: 17.227 min Scan# 2149
 Delta R.T. -0.006 min
 Lab File: BF129095.D
 Acq: 01 Jul 2022 16:55

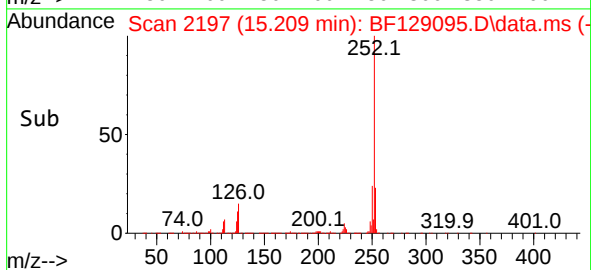
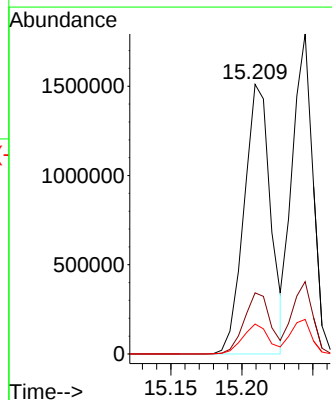
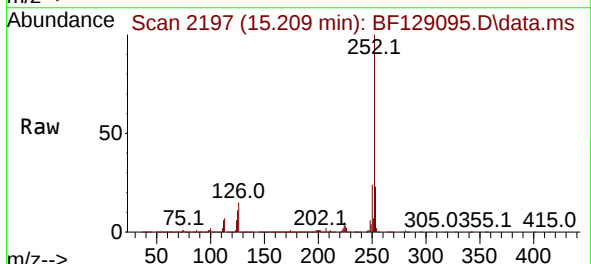
Instrument :
 BNA_F
 ClientSampleId :
 S-4MS

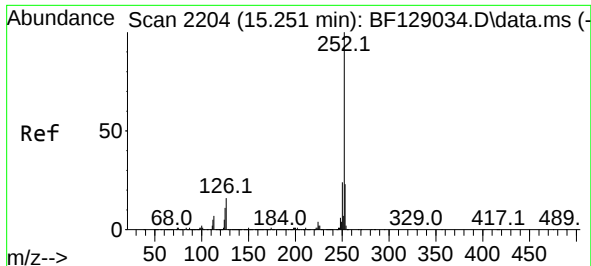
Tgt Ion:276 Resp: 2149812
 Ion Ratio Lower Upper
 276 100
 138 27.4 21.1 31.7
 277 25.4 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 53.650 ng
 RT: 15.209 min Scan# 2197
 Delta R.T. -0.012 min
 Lab File: BF129095.D
 Acq: 01 Jul 2022 16:55

Tgt Ion:252 Resp: 1969586
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.7 26.5
 125 11.1 8.0 12.0

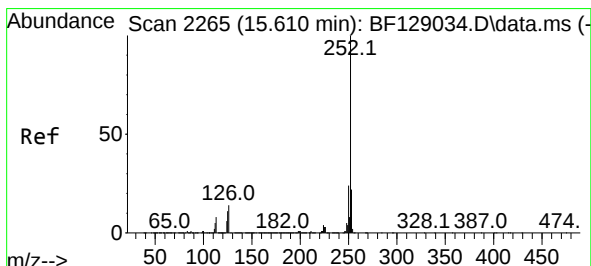
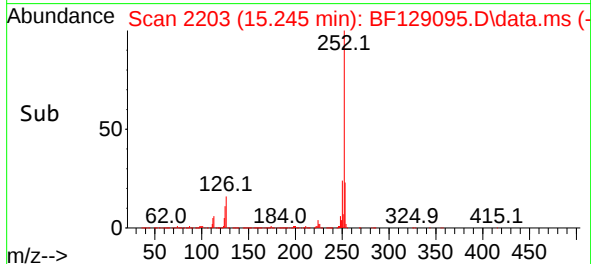
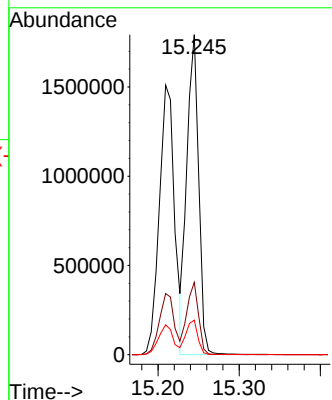
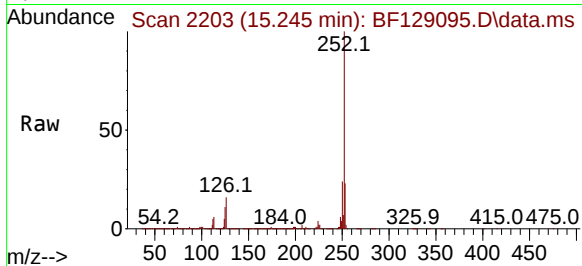




#89
Benzo(k)fluoranthene
Concen: 51.002 ng
RT: 15.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

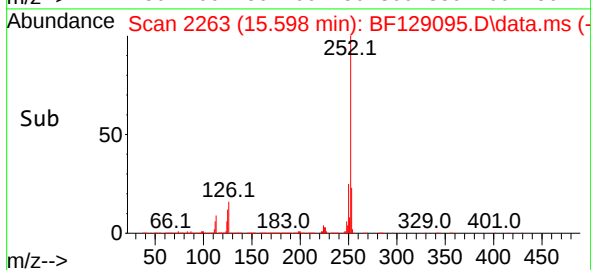
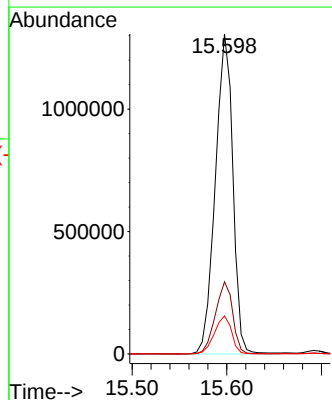
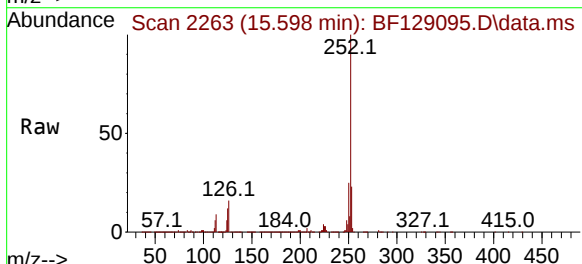
Instrument :
BNA_F
ClientSampleId :
S-4MS

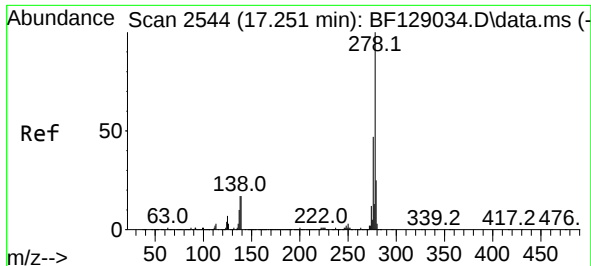
Tgt Ion:252 Resp: 1816050
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.8 8.3 12.5



#90
Benzo(a)pyrene
Concen: 56.027 ng
RT: 15.598 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:252 Resp: 1676765
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 11.9 8.8 13.2

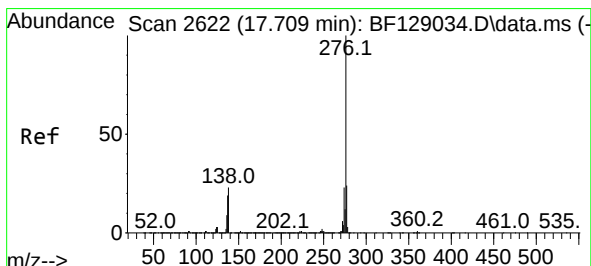
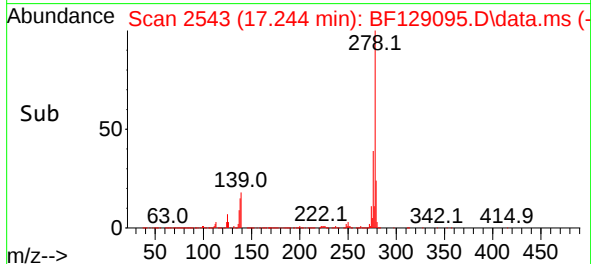
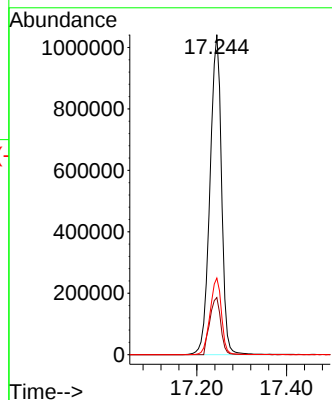
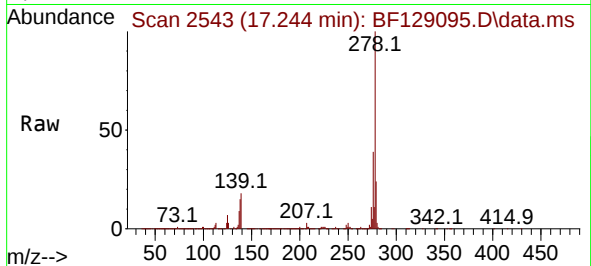




#91
Dibenzo(a,h)anthracene
Concen: 60.859 ng
RT: 17.244 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Instrument :
BNA_F
ClientSampleId :
S-4MS

Tgt Ion:278 Resp: 1857432
Ion Ratio Lower Upper
278 100
139 17.9 12.8 19.2
279 24.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 61.130 ng
RT: 17.703 min Scan# 2621
Delta R.T. -0.006 min
Lab File: BF129095.D
Acq: 01 Jul 2022 16:55

Tgt Ion:276 Resp: 1871816
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 23.7 18.0 27.0

