

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129096.D
 Acq On : 01 Jul 2022 17:25
 Operator : CG\JU
 Sample : N3561-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-4MSD

Quant Time: Jul 02 01:25:50 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	360024	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1400561	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	727295	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1281555	20.000	ng	0.00
76) Chrysene-d12	14.145	240	792779	20.000	ng	0.00
86) Perylene-d12	15.662	264	613757	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	2369892	111.288	ng	0.00
7) Phenol-d6	6.587	99	3032448	114.657	ng	0.00
23) Nitrobenzene-d5	7.522	82	1922458	81.873	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	915583	115.776	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3443923	75.754	ng	0.00
79) Terphenyl-d14	13.080	244	3481888	91.206	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	422084	44.457	ng	87
3) Pyridine	3.669	79	1113493	48.024	ng	85
4) n-Nitrosodimethylamine	3.610	42	513613	48.894	ng	# 78
6) Aniline	6.622	93	1529622	51.713	ng	97
8) 2-Chlorophenol	6.745	128	1169263	52.261	ng	93
9) Benzaldehyde	6.510	77	680288	70.148	ng	99
10) Phenol	6.598	94	1377419	51.403	ng	89
11) bis(2-Chloroethyl)ether	6.692	93	1089361	51.362	ng	90
12) 1,3-Dichlorobenzene	6.898	146	1234456	50.122	ng	97
13) 1,4-Dichlorobenzene	6.975	146	1247595	50.221	ng	99
14) 1,2-Dichlorobenzene	7.128	146	1212503	51.922	ng	100
15) Benzyl Alcohol	7.098	79	938267	50.434	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1553261	51.275	ng	91
17) 2-Methylphenol	7.204	107	936221	51.424	ng	97
18) Hexachloroethane	7.469	117	453326	51.979	ng	92
19) n-Nitroso-di-n-propyla...	7.369	70	778898	50.910	ng	89
20) 3+4-Methylphenols	7.357	107	1154033	49.846	ng	94
22) Acetophenone	7.369	105	1551752	48.298	ng	# 93
24) Nitrobenzene	7.539	77	1172042	51.588	ng	94
25) Isophorone	7.781	82	2178256	54.890	ng	97
26) 2-Nitrophenol	7.857	139	629915	59.657	ng	# 84
27) 2,4-Dimethylphenol	7.887	122	1089085	57.131	ng	97
28) bis(2-Chloroethoxy)met...	7.987	93	1346703	49.413	ng	99
29) 2,4-Dichlorophenol	8.092	162	974335	50.111	ng	98
30) 1,2,4-Trichlorobenzene	8.181	180	998505	46.667	ng	98
31) Naphthalene	8.263	128	3150711	49.554	ng	98
32) Benzoic acid	8.004	122	610701	39.929	ng	94
33) 4-Chloroaniline	8.310	127	1009841	39.416	ng	95
34) Hexachlorobutadiene	8.375	225	614307	48.083	ng	99
35) Caprolactam	8.692	113	181160	29.382	ng	# 76
36) 4-Chloro-3-methylphenol	8.786	107	997469	50.491	ng	92
37) 2-Methylnaphthalene	8.957	142	2154336	50.354	ng	100
38) 1-Methylnaphthalene	9.057	142	2041521	49.136	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	999128	48.874	ng	99
41) Hexachlorocyclopentadiene	9.104	237	1222090	113.251	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	694461	49.873	ng	98

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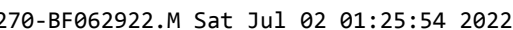
Instrument :
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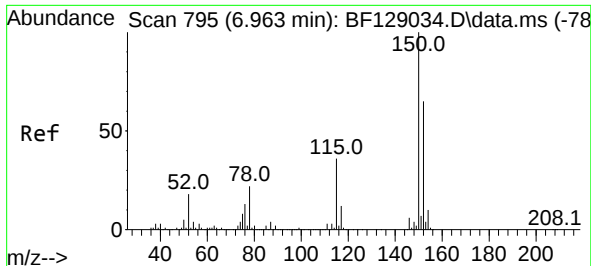
Quant Time: Jul 02 01:25:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	718997	48.544	ng	97
46) 1,1'-Biphenyl	9.422	154	2574272	49.233	ng	98
47) 2-Chloronaphthalene	9.445	162	1993604	49.373	ng	99
48) 2-Nitroaniline	9.539	65	597362	56.170	ng	# 84
49) Acenaphthylene	9.863	152	3118089	50.821	ng	97
50) Dimethylphthalate	9.722	163	2269750	49.885	ng	98
51) 2,6-Dinitrotoluene	9.781	165	526251	56.601	ng	98
52) Acenaphthene	10.039	154	2126289	53.204	ng	98
53) 3-Nitroaniline	9.957	138	470620	42.446	ng	# 81
54) 2,4-Dinitrophenol	10.057	184	462375	90.934	ng	# 85
55) Dibenzofuran	10.210	168	2799499	48.107	ng	96
56) 4-Nitrophenol	10.110	139	906300	100.043	ng	95
57) 2,4-Dinitrotoluene	10.186	165	697168	60.739	ng	93
58) Fluorene	10.551	166	2199080	48.854	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.322	232	597776	48.716	ng	99
60) Diethylphthalate	10.422	149	2244197	49.224	ng	97
61) 4-Chlorophenyl-phenyle...	10.539	204	1086394	48.439	ng	96
62) 4-Nitroaniline	10.575	138	566942	51.565	ng	89
63) Azobenzene	10.704	77	2159351	48.342	ng	92
65) 4,6-Dinitro-2-methylph...	10.598	198	305812	53.937	ng	# 73
66) n-Nitrosodiphenylamine	10.663	169	1944099	49.949	ng	95
67) 4-Bromophenyl-phenylether	11.033	248	694650	50.956	ng	98
68) Hexachlorobenzene	11.098	284	768826	50.648	ng	99
69) Atrazine	11.192	200	650547	59.399	ng	99
70) Pentachlorophenol	11.292	266	831062	91.917	ng	99
71) Phenanthrene	11.522	178	2956812	48.288	ng	96
72) Anthracene	11.575	178	3061469	50.711	ng	98
73) Carbazole	11.727	167	2797426	46.243	ng	99
74) Di-n-butylphthalate	12.045	149	3294481	51.652	ng	98
75) Fluoranthene	12.710	202	3127150	48.833	ng	95
77) Benzidine	12.833	184	1828337	129.518	ng	100
78) Pyrene	12.945	202	3138130	57.107	ng	97
80) Butylbenzylphthalate	13.557	149	1314184	58.704	ng	90
81) Benzo(a)anthracene	14.133	228	2442337	50.456	ng	98
82) 3,3'-Dichlorobenzidine	14.092	252	600056	57.371	ng	98
83) Chrysene	14.168	228	2203315	49.030	ng	97
84) Bis(2-ethylhexyl)phtha...	14.110	149	1777164	59.733	ng	96
85) Di-n-octyl phthalate	14.727	149	2407222	54.810	ng	95
87) Indeno(1,2,3-cd)pyrene	17.227	276	2158021	57.328	ng	99
88) Benzo(b)fluoranthene	15.210	252	1999628	54.174	ng	98
89) Benzo(k)fluoranthene	15.245	252	1848286	51.627	ng	99
90) Benzo(a)pyrene	15.598	252	1703919	56.627	ng	96
91) Dibenzo(a,h)anthracene	17.245	278	1874787	61.095	ng	97
92) Benzo(g,h,i)perylene	17.704	276	1899208	61.689	ng	99

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

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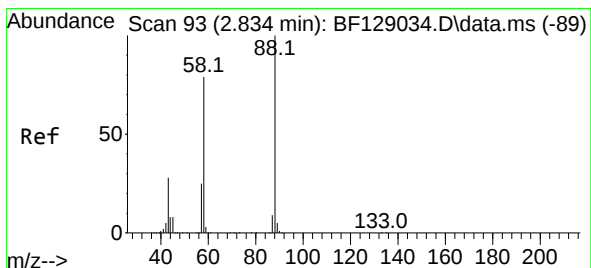
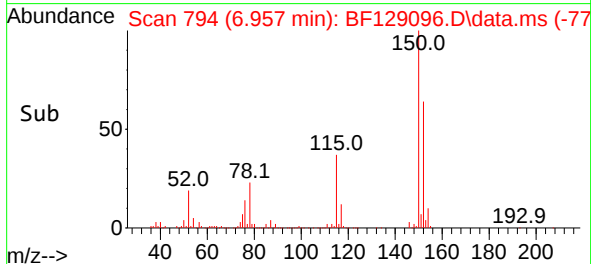
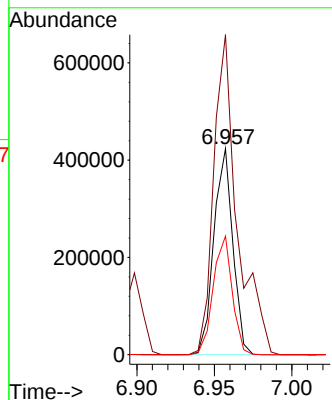
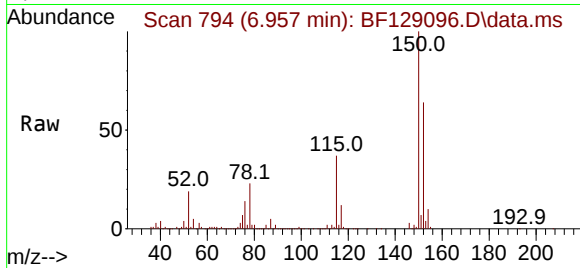




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129096.D
 Acq: 01 Jul 2022 17:25

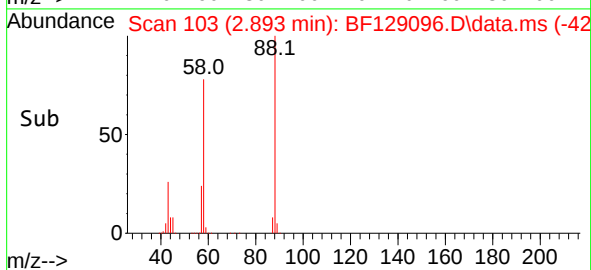
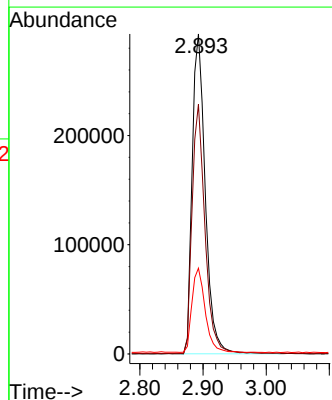
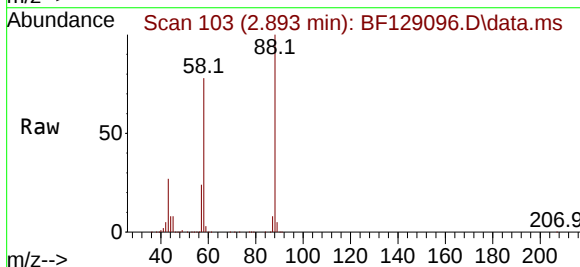
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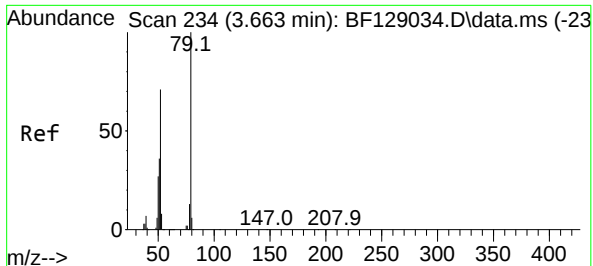
Tgt Ion:152 Resp: 360024
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.7 185.5
 115 57.5 49.9 74.9



#2
 1,4-Dioxane
 Concen: 44.457 ng
 RT: 2.893 min Scan# 103
 Delta R.T. 0.059 min
 Lab File: BF129096.D
 Acq: 01 Jul 2022 17:25

Tgt Ion: 88 Resp: 422084
 Ion Ratio Lower Upper
 88 100
 58 76.9 71.8 107.8
 43 26.7 26.6 39.8

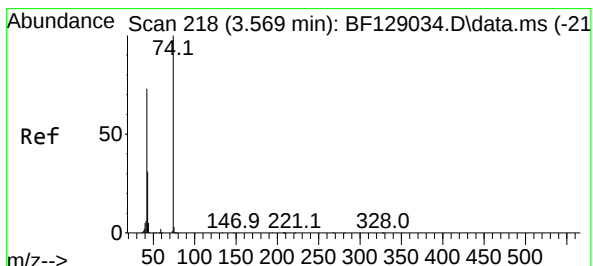
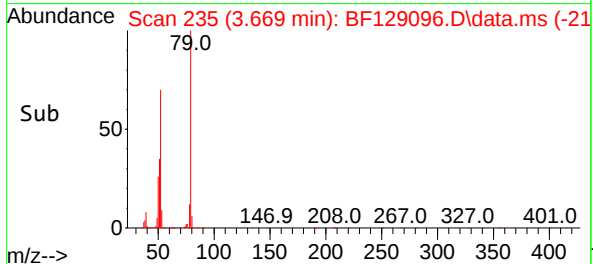
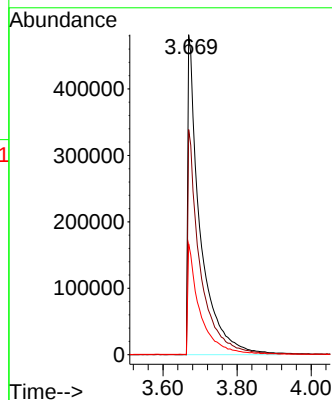
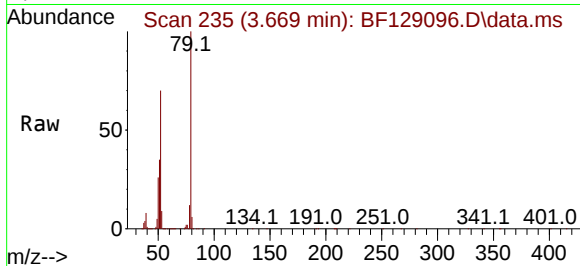




#3
 Pyridine
 Concen: 48.024 ng
 RT: 3.669 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF129096.D
 Acq: 01 Jul 2022 17:25

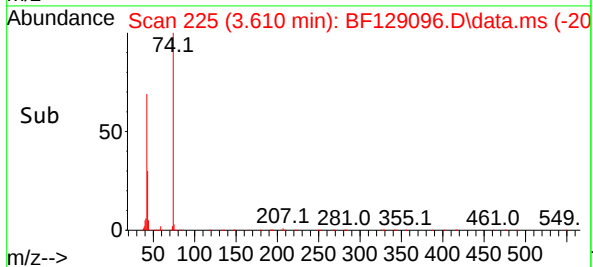
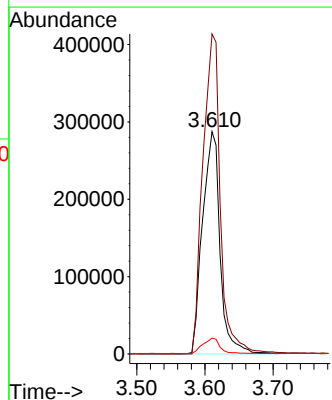
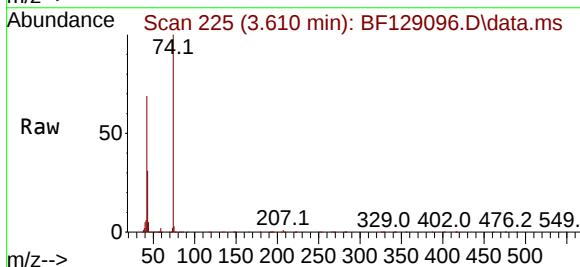
Instrument :
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 ClientSampleId :
 S-4MSD

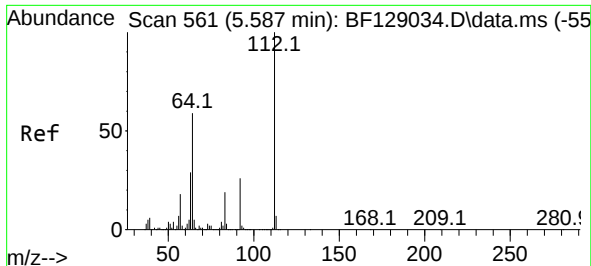
Tgt Ion: 79 Resp: 1113493
 Ion Ratio Lower Upper
 79 100
 52 70.3 68.6 102.8
 51 34.6 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 48.894 ng
 RT: 3.610 min Scan# 225
 Delta R.T. 0.041 min
 Lab File: BF129096.D
 Acq: 01 Jul 2022 17:25

Tgt Ion: 42 Resp: 513613
 Ion Ratio Lower Upper
 42 100
 74 144.0 94.8 142.2#
 44 7.1 6.6 10.0

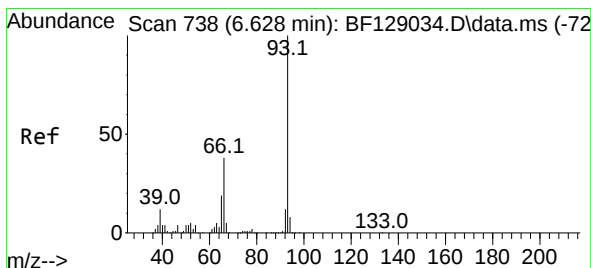
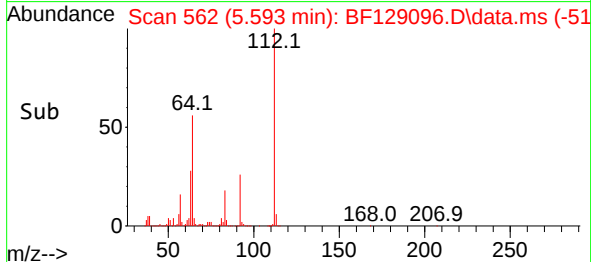
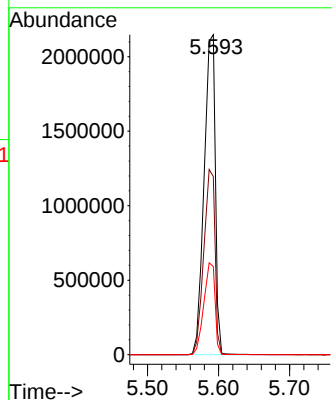
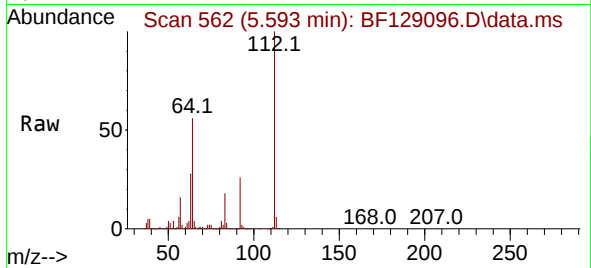




#5
2-Fluorophenol
Concen: 111.288 ng
RT: 5.593 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

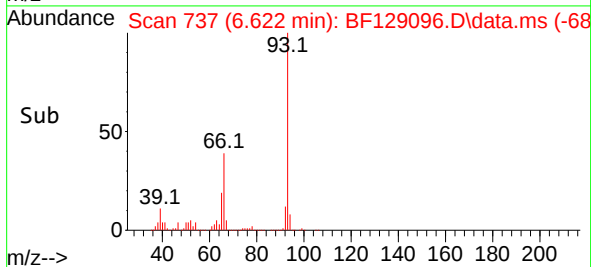
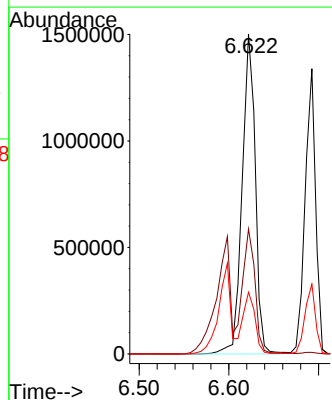
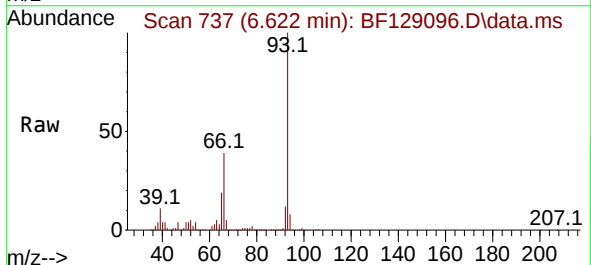
Instrument :
BNA_F
ClientSampleId :
S-4MSD

Tgt Ion:112 Resp: 2369892
Ion Ratio Lower Upper
112 100
64 55.7 53.3 79.9
63 27.6 28.0 42.0#



#6
Aniline
Concen: 51.713 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion: 93 Resp: 1529622
Ion Ratio Lower Upper
93 100
66 39.1 32.5 48.7
65 19.3 16.4 24.6

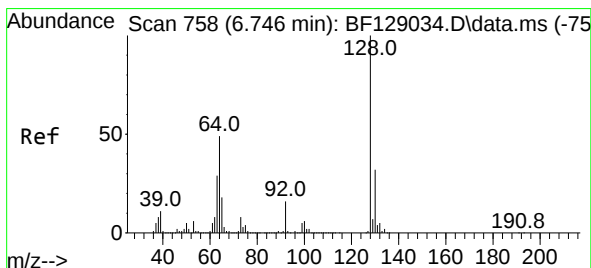
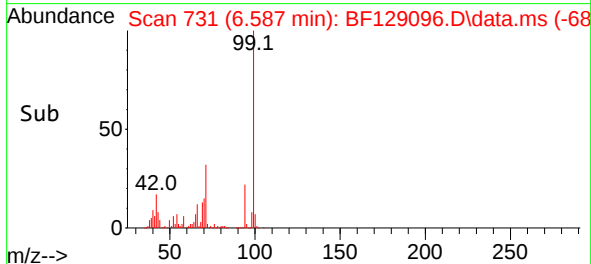
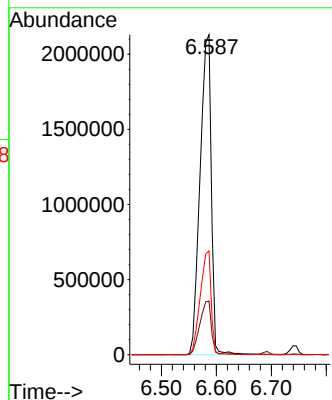
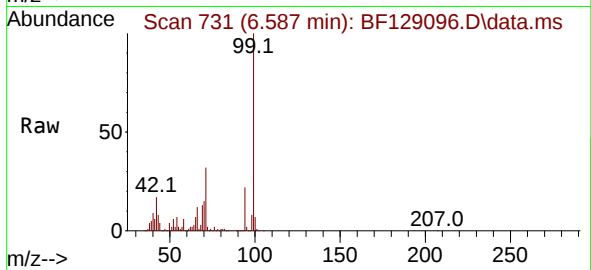




#7
Phenol-d6
Concen: 114.657 ng
RT: 6.587 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

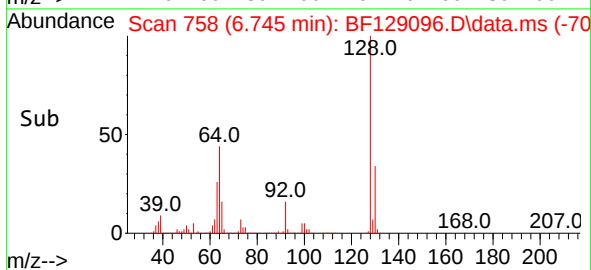
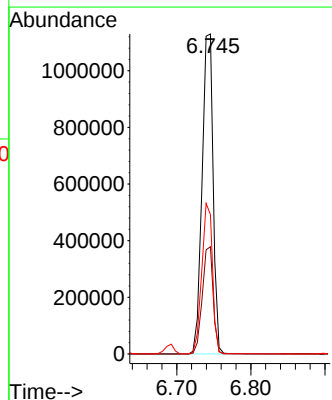
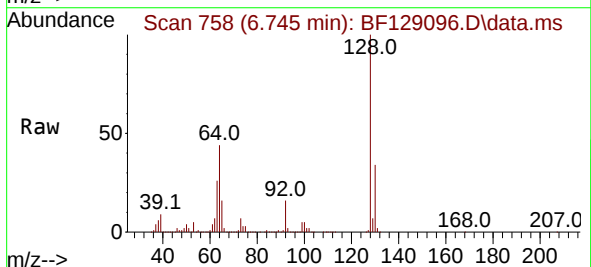
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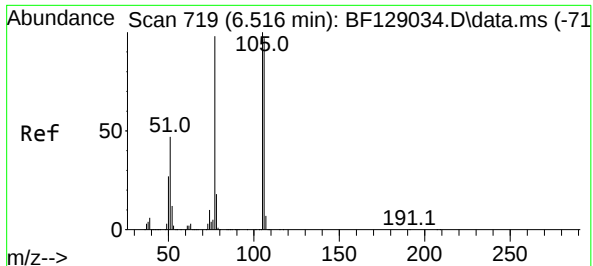
Tgt Ion: 99 Resp: 3032448
Ion Ratio Lower Upper
99 100
42 16.7 17.3 25.9#
71 32.4 28.9 43.3



#8
2-Chlorophenol
Concen: 52.261 ng
RT: 6.745 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion: 128 Resp: 1169263
Ion Ratio Lower Upper
128 100
130 33.5 13.1 53.1
64 43.6 30.9 70.9

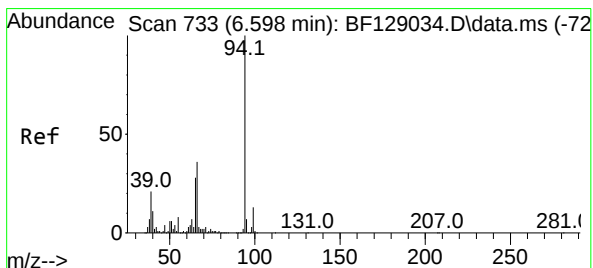
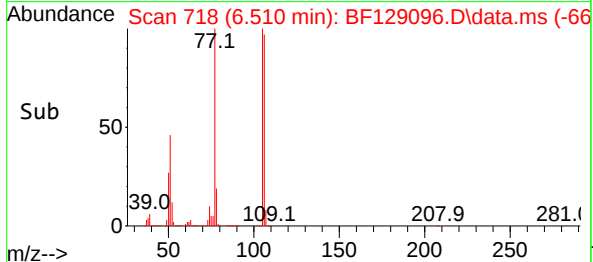
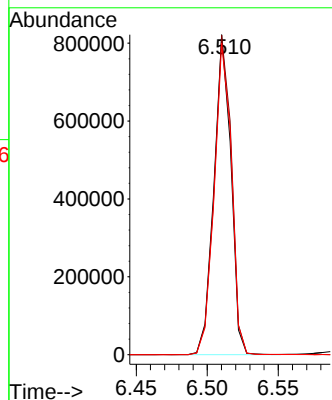
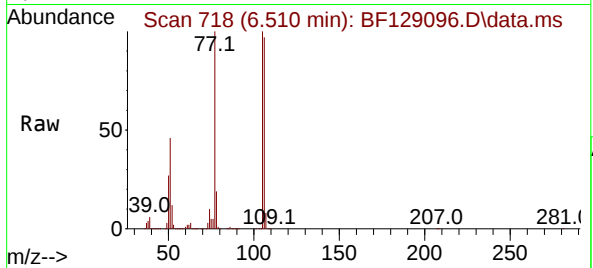




#9
Benzaldehyde
Concen: 70.148 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

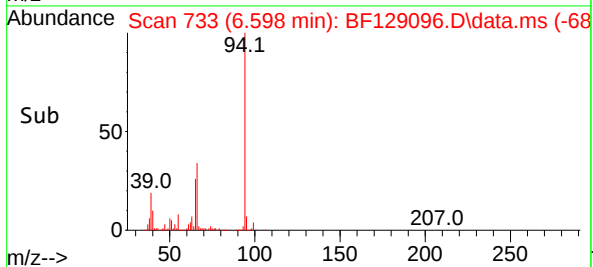
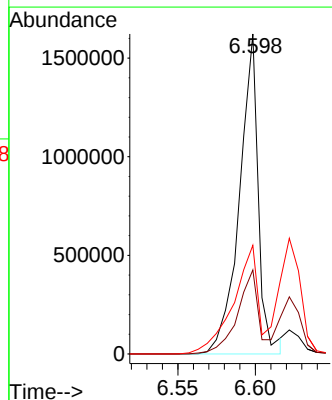
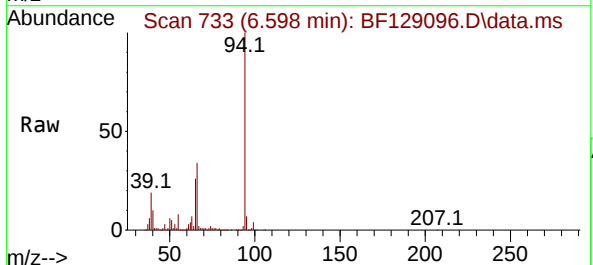
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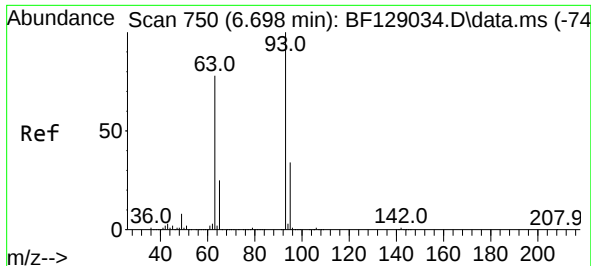
Tgt Ion: 77 Resp: 680288
Ion Ratio Lower Upper
77 100
105 99.9 81.6 121.6
106 97.3 76.1 116.1



#10
Phenol
Concen: 51.403 ng
RT: 6.598 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion: 94 Resp: 1377419
Ion Ratio Lower Upper
94 100
65 26.3 11.4 51.4
66 34.0 21.4 61.4



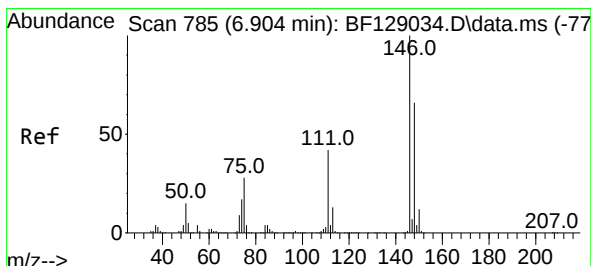
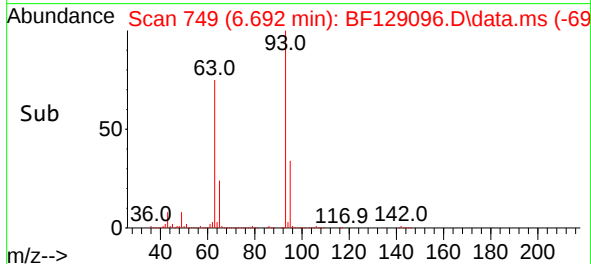
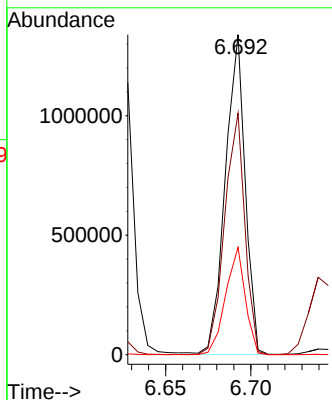
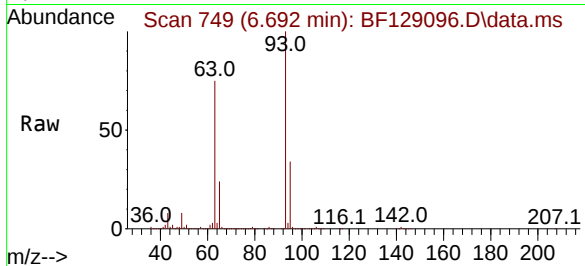


#11
 bis(2-Chloroethyl)ether
 Concen: 51.362 ng
 RT: 6.692 min Scan# 741
 Delta R.T. -0.006 min
 Lab File: BF129096.D
 Acq: 01 Jul 2022 17:25

Instrument :
 BNA_F
 ClientSampleId :
 S-4MSD

Tgt Ion: 93 Resp: 1089361

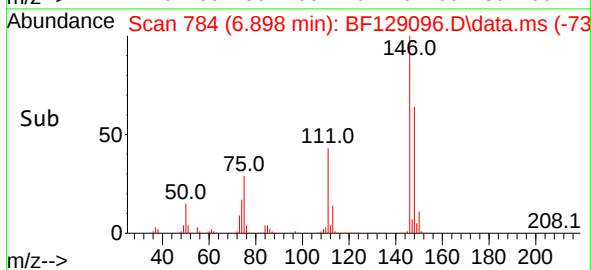
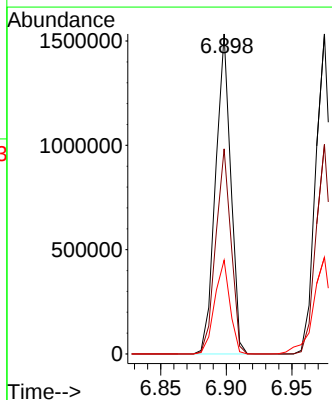
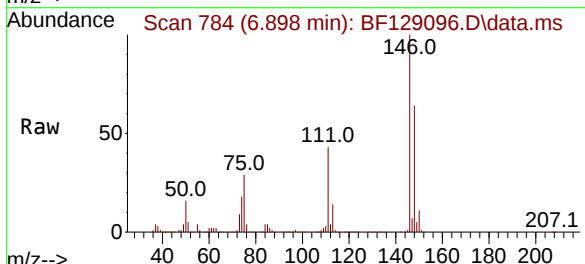
Ion	Ratio	Lower	Upper
93	100		
63	75.4	67.4	107.4
95	33.5	12.7	52.7



#12
 1,3-Dichlorobenzene
 Concen: 50.122 ng
 RT: 6.898 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: BF129096.D
 Acq: 01 Jul 2022 17:25

Tgt Ion:146 Resp: 1234456

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
75	29.3	26.3	39.5

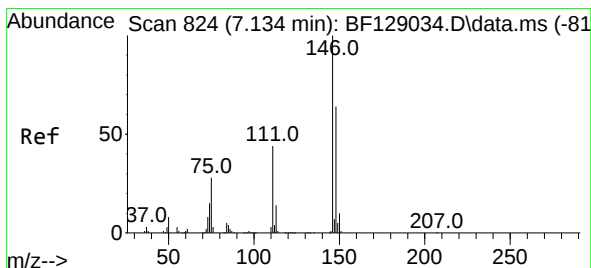
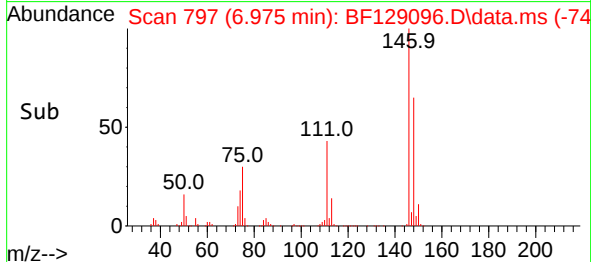
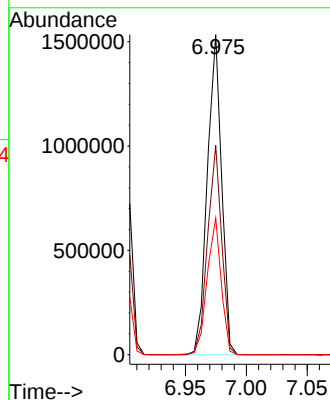
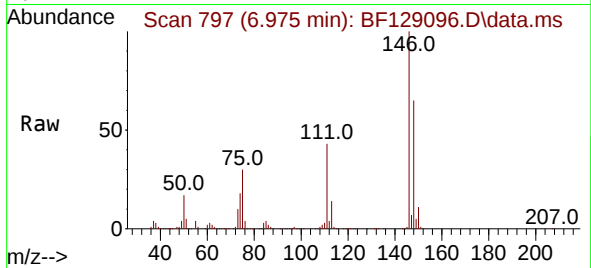




#13
1,4-Dichlorobenzene
Concen: 50.221 ng
RT: 6.975 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

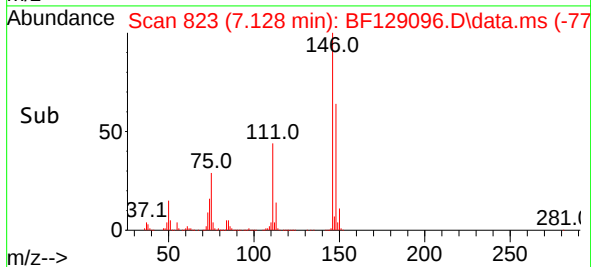
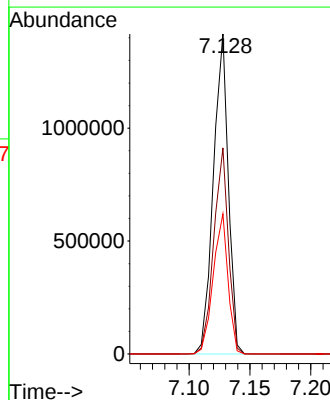
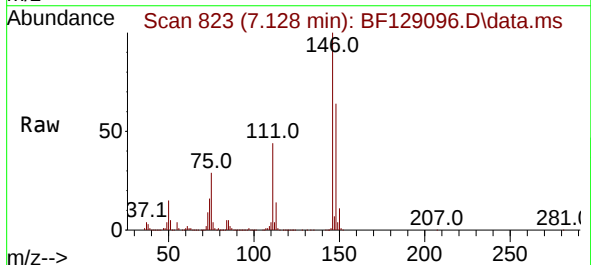
Instrument :
BNA_F
ClientSampleId :
S-4MSD

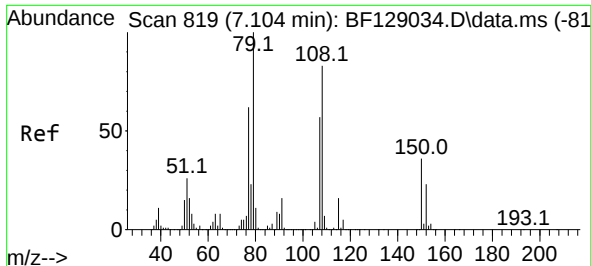
Tgt Ion:146 Resp: 1247595
Ion Ratio Lower Upper
146 100
148 65.5 51.1 76.7
111 42.7 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 51.922 ng
RT: 7.128 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:146 Resp: 1212503
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 43.8 35.1 52.7

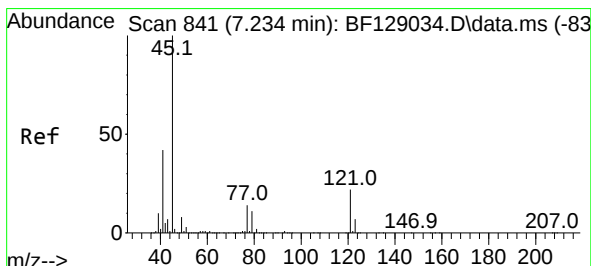
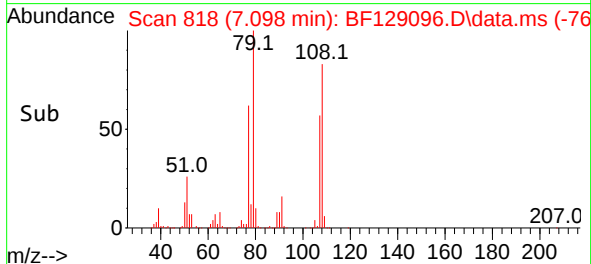
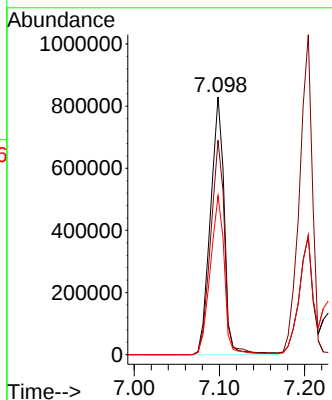
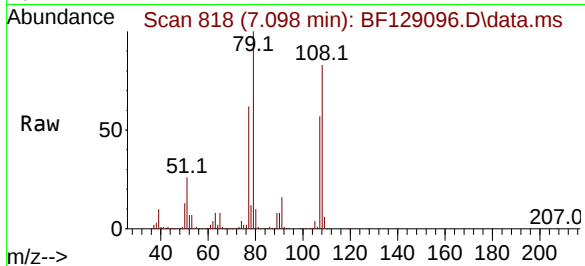




#15
Benzyl Alcohol
Concen: 50.434 ng
RT: 7.098 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

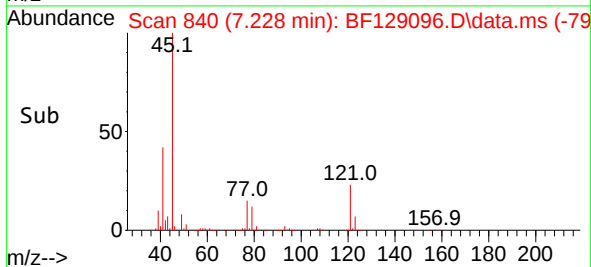
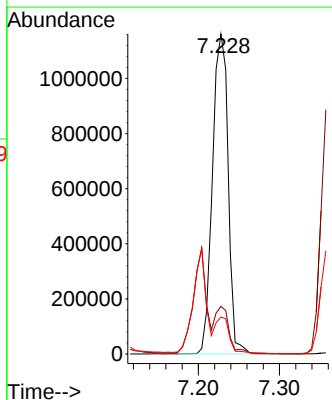
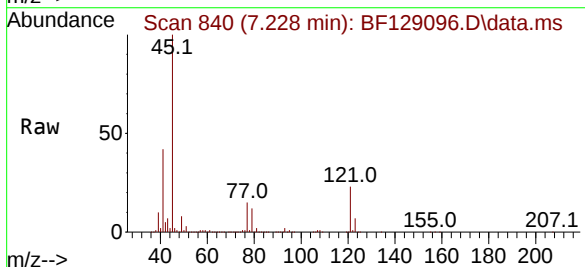
Instrument :
BNA_F
ClientSampleId :
S-4MSD

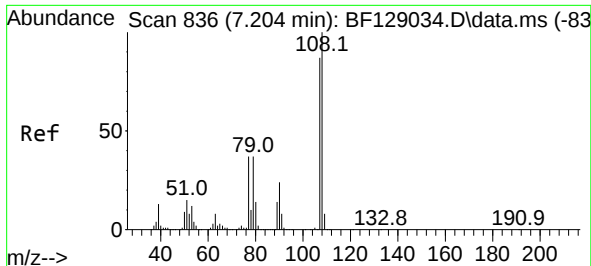
Tgt Ion: 79 Resp: 938267
Ion Ratio Lower Upper
79 100
108 83.2 61.8 92.6
77 61.7 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.275 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

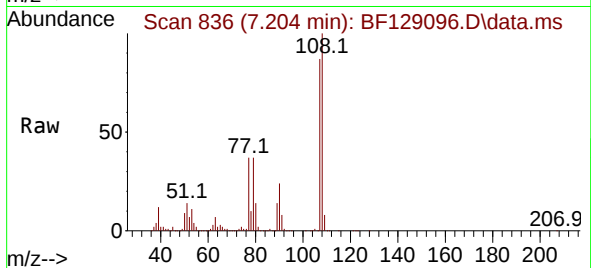
Tgt Ion: 45 Resp: 1553261
Ion Ratio Lower Upper
45 100
77 14.8 0.0 31.3
79 11.6 0.0 28.3



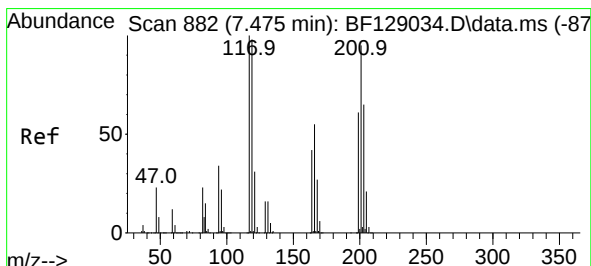
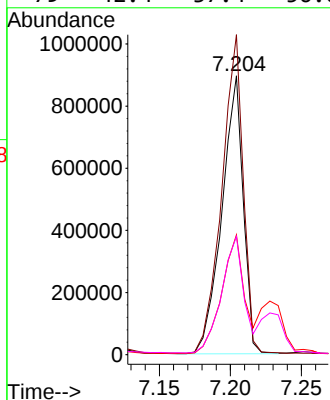
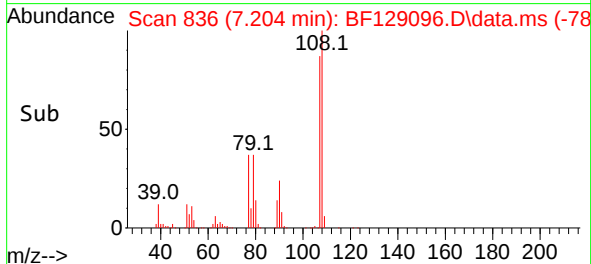


#17
2-Methylphenol
Concen: 51.424 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Instrument :
BNA_F
ClientSampleId :
S-4MSD

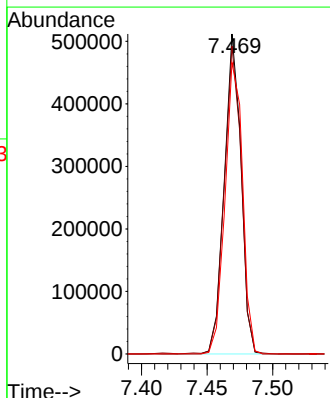
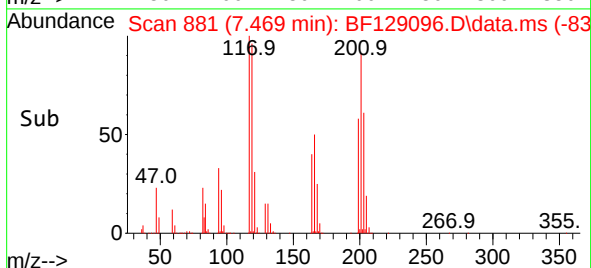
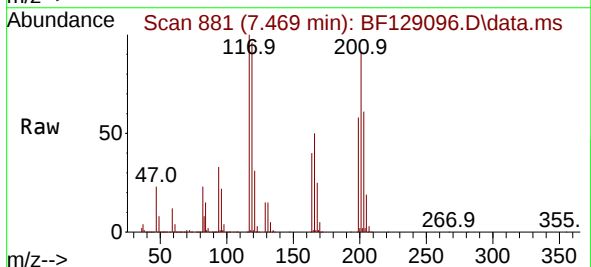


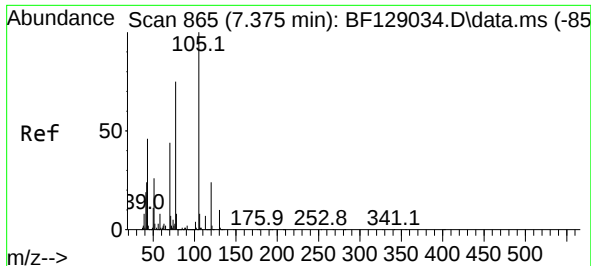
Tgt Ion:	107	Resp:	936221
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.9	137.9
77	43.0	37.8	56.8
79	42.4	37.4	56.0



#18
Hexachloroethane
Concen: 51.979 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:	117	Resp:	453326
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.2
201	91.1	84.6	127.0

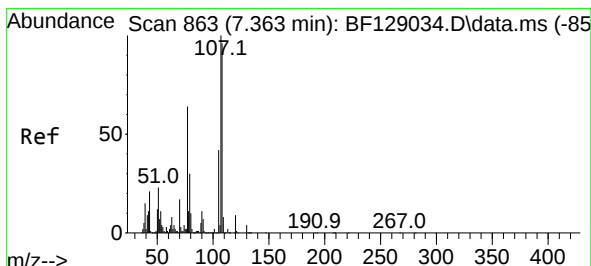
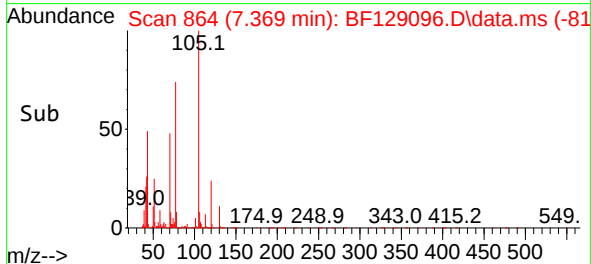
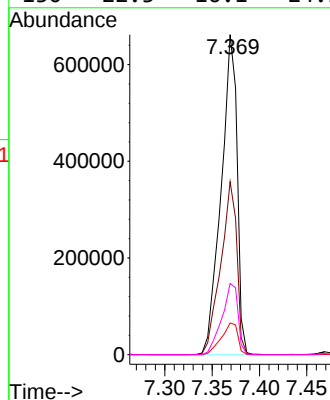
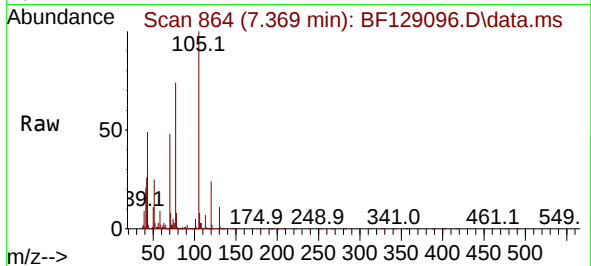




#19
n-Nitroso-di-n-propylamine
Concen: 50.910 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

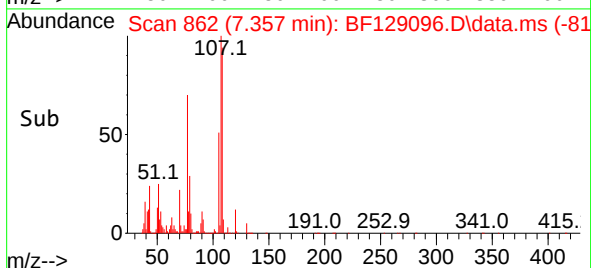
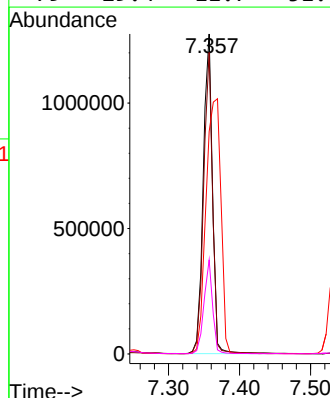
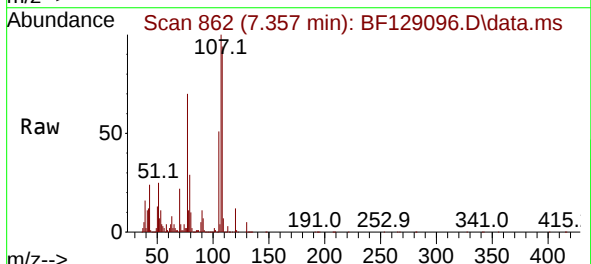
Instrument :
BNA_F
ClientSampleId :
S-4MSD

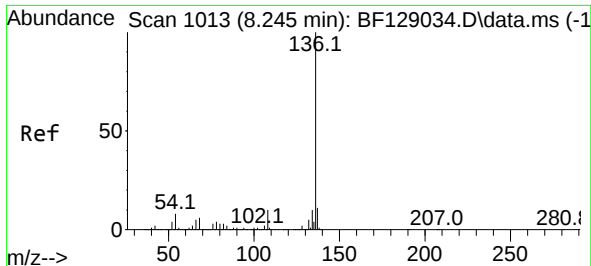
Tgt Ion: 70 Resp: 778898
Ion Ratio Lower Upper
70 100
42 54.1 52.3 78.5
101 9.9 7.5 11.3
130 22.3 16.1 24.1



#20
3+4-Methylphenols
Concen: 49.846 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion: 107 Resp: 1154033
Ion Ratio Lower Upper
107 100
108 94.3 71.8 111.8
77 69.5 59.3 99.3
79 29.4 11.7 51.7

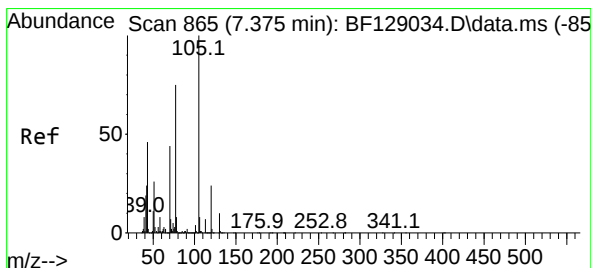
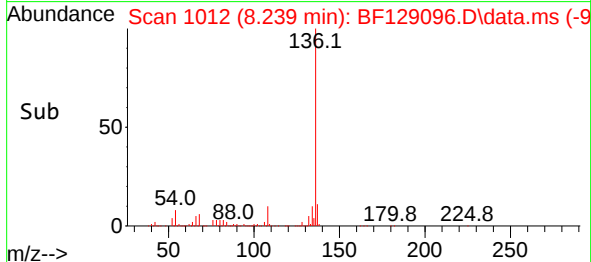
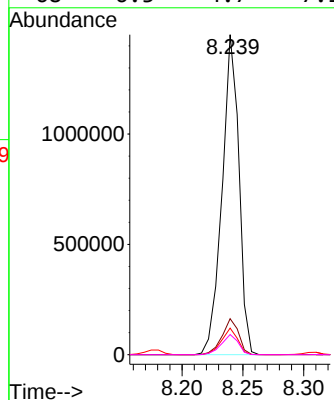
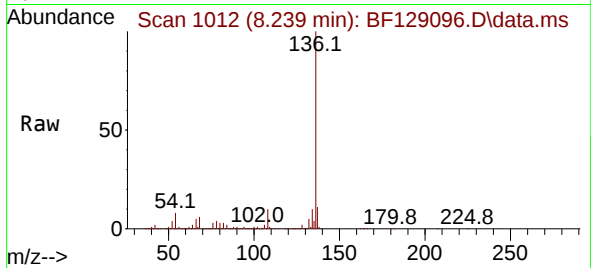




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

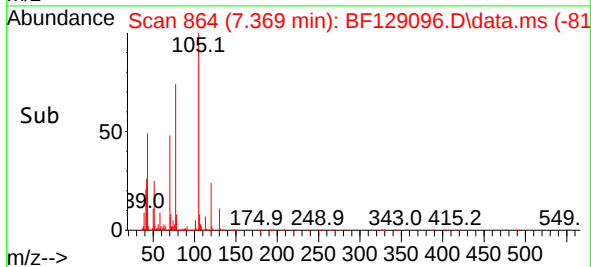
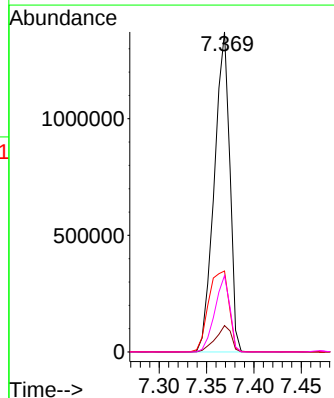
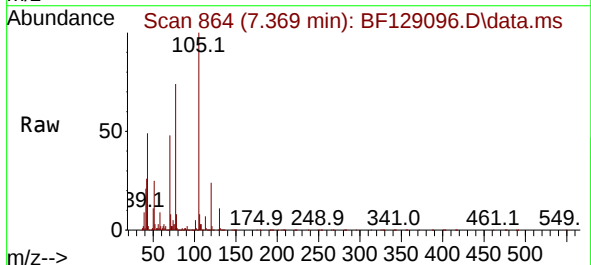
Instrument :
BNA_F
ClientSampleId :
S-4MSD

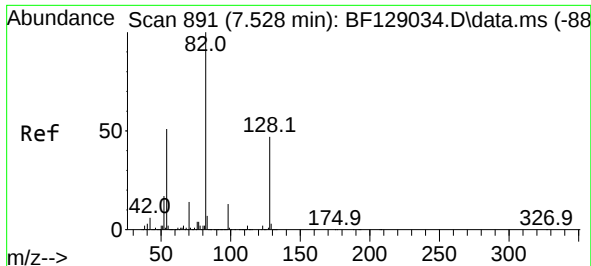
Tgt Ion:136 Resp: 1400561
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.3 7.5 11.3
68 6.3 4.7 7.1



#22
Acetophenone
Concen: 48.298 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:105 Resp: 1551752
Ion Ratio Lower Upper
105 100
71 8.2 5.0 7.4#
51 25.3 25.0 37.4
120 23.8 17.8 26.8





#23

Nitrobenzene-d5

Concen: 81.873 ng

RT: 7.522 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Instrument :

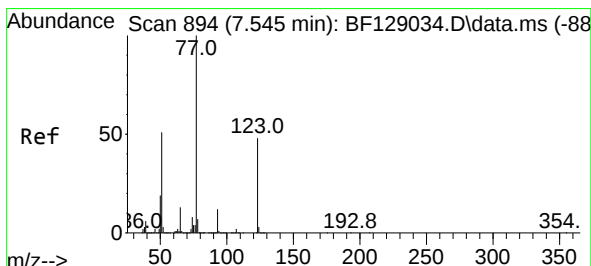
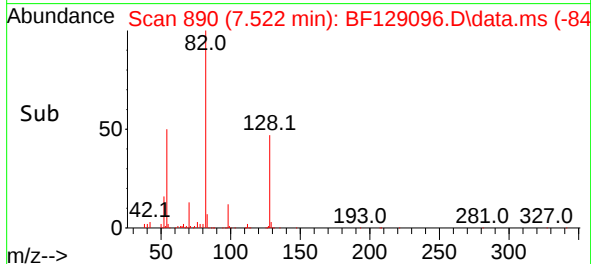
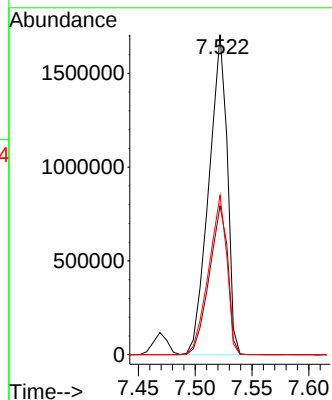
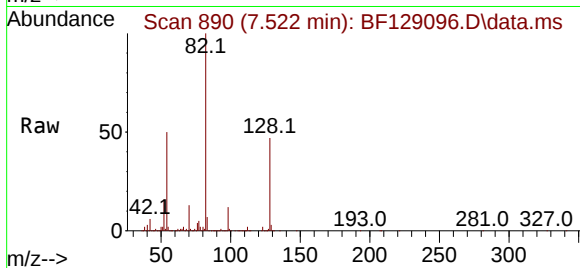
BNA_F

ClientSampleId :

S-4MSD

Tgt Ion: 82 Resp: 1922458

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	49.8	46.9	70.3



#24

Nitrobenzene

Concen: 51.588 ng

RT: 7.539 min Scan# 893

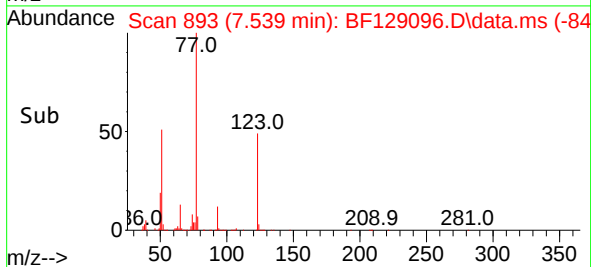
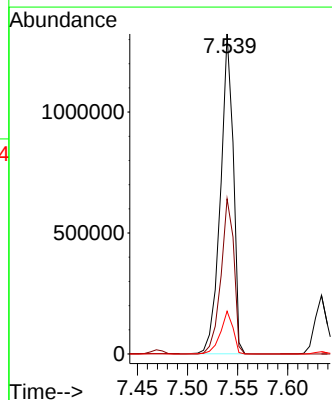
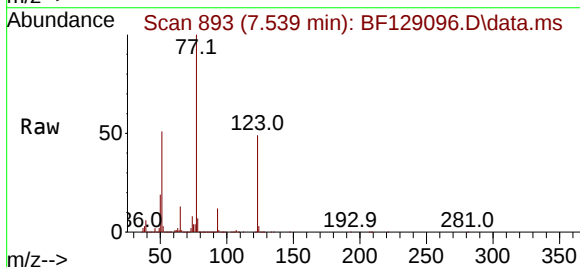
Delta R.T. -0.006 min

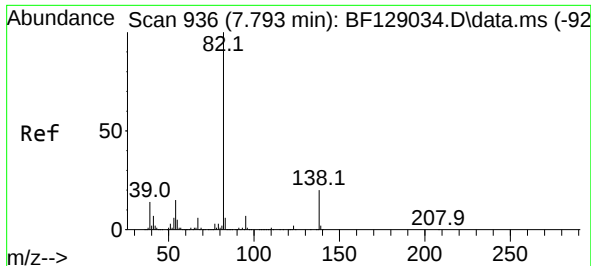
Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Tgt Ion: 77 Resp: 1172042

Ion	Ratio	Lower	Upper
77	100		
123	48.5	35.4	53.2
65	13.3	11.8	17.8

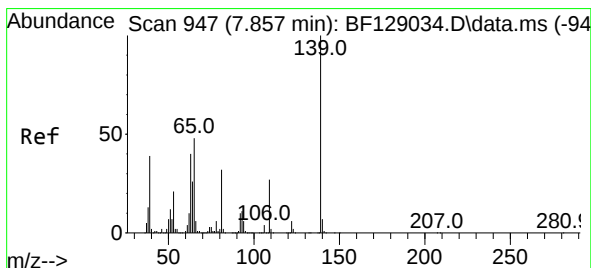
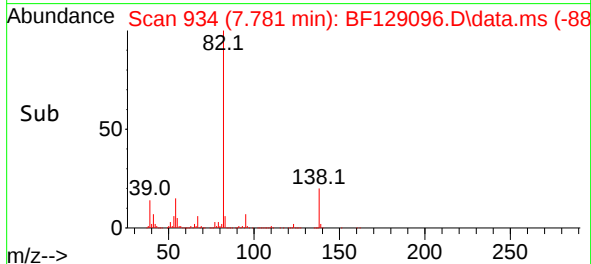
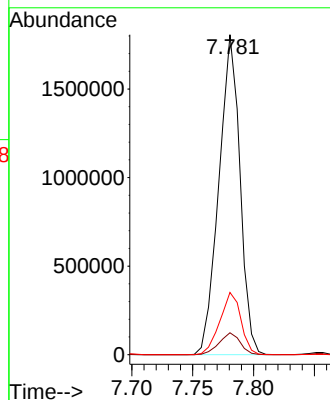
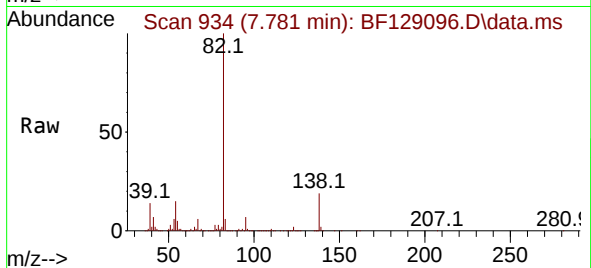




#25
Isophorone
Concen: 54.890 ng
RT: 7.781 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

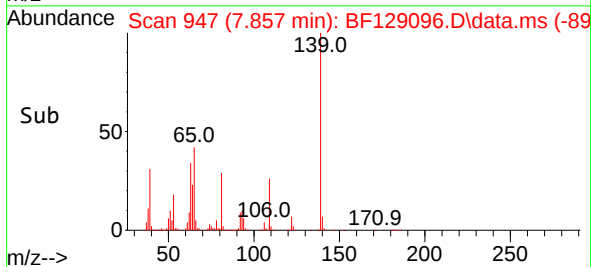
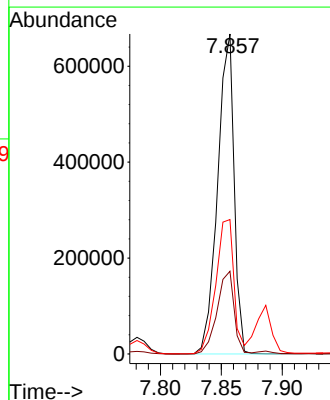
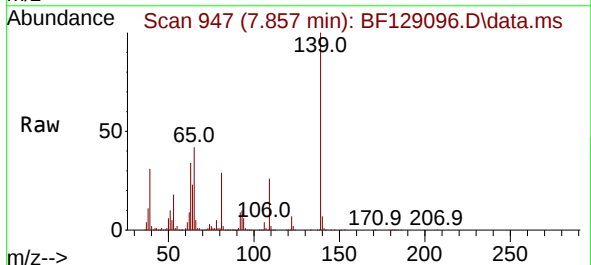
Instrument :
BNA_F
ClientSampleId :
S-4MSD

Tgt Ion: 82 Resp: 2178256
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 19.4 14.2 21.2



#26
2-Nitrophenol
Concen: 59.657 ng
RT: 7.857 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:139 Resp: 629915
Ion Ratio Lower Upper
139 100
109 25.8 25.0 37.4
65 42.0 45.1 67.7#





#27

2,4-Dimethylphenol

Concen: 57.131 ng

RT: 7.887 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Instrument :

BNA_F

ClientSampleId :

S-4MSD

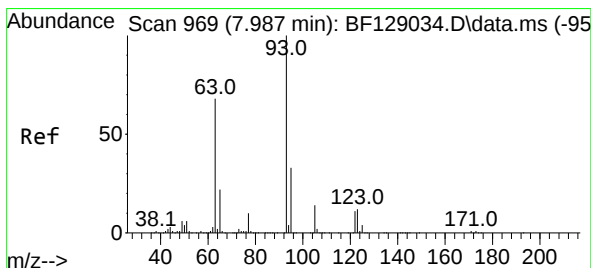
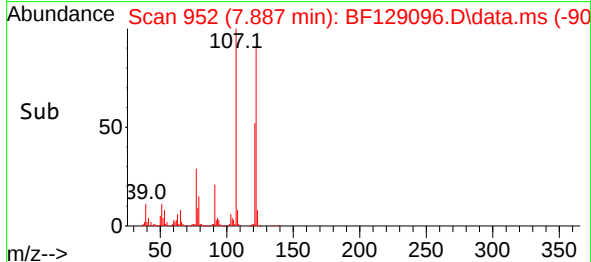
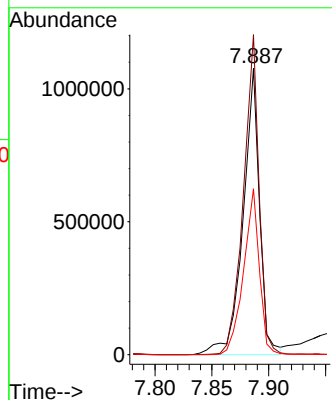
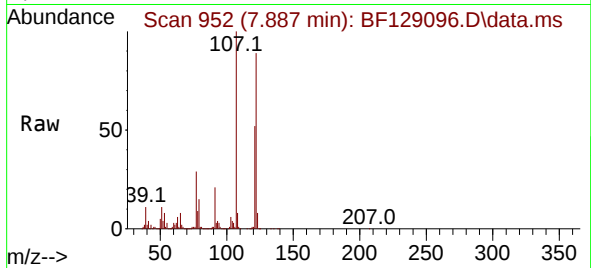
Tgt Ion:122 Resp: 1089085

Ion Ratio Lower Upper

122 100

107 111.7 93.0 139.6

121 57.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 49.413 ng

RT: 7.987 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

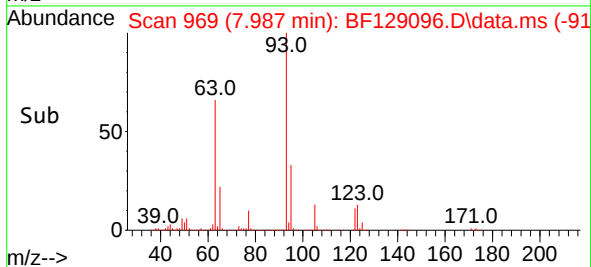
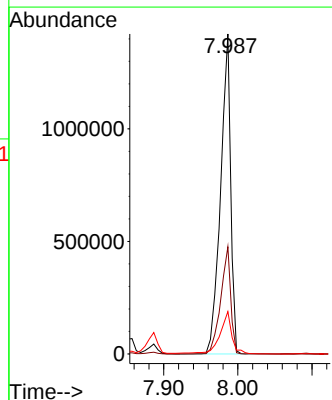
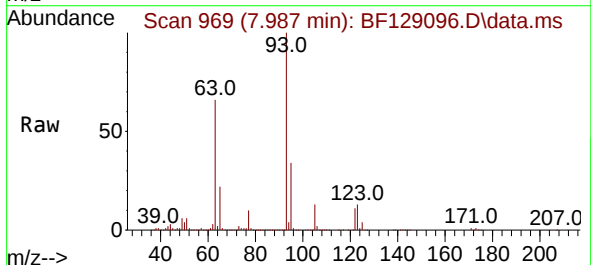
Tgt Ion: 93 Resp: 1346703

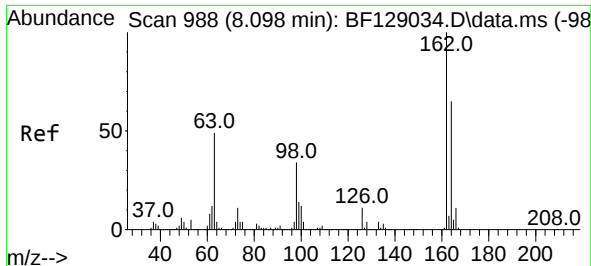
Ion Ratio Lower Upper

93 100

95 33.5 26.8 40.2

123 13.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 50.111 ng

RT: 8.092 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Instrument :

BNA_F

ClientSampleId :

S-4MSD

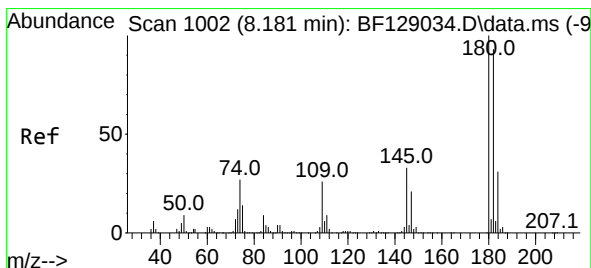
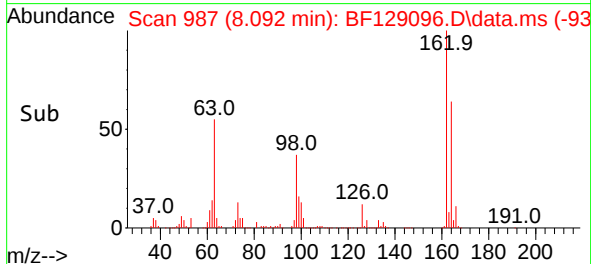
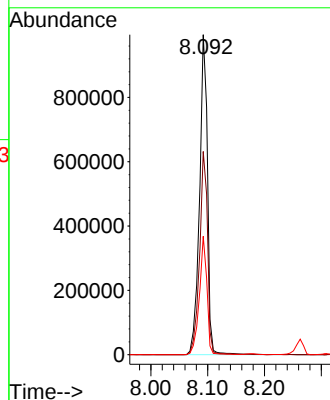
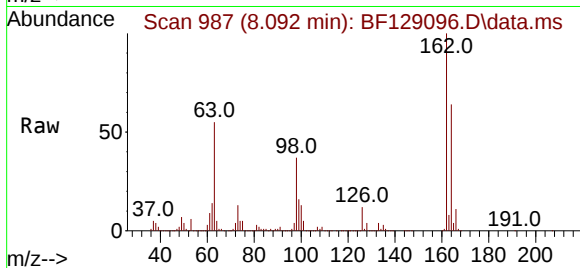
Tgt Ion:162 Resp: 974335

Ion Ratio Lower Upper

162 100

164 63.5 44.2 84.2

98 37.0 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 46.667 ng

RT: 8.181 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

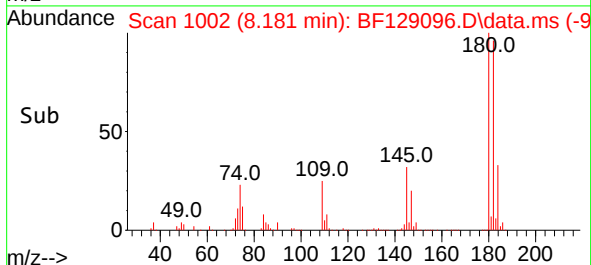
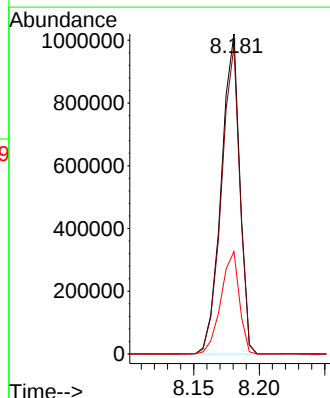
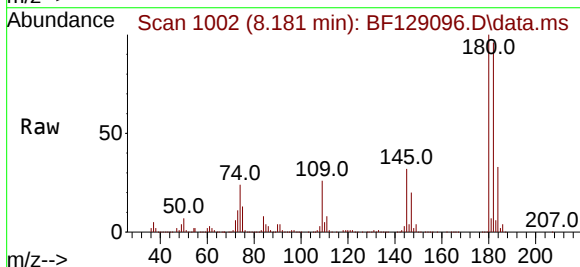
Tgt Ion:180 Resp: 998505

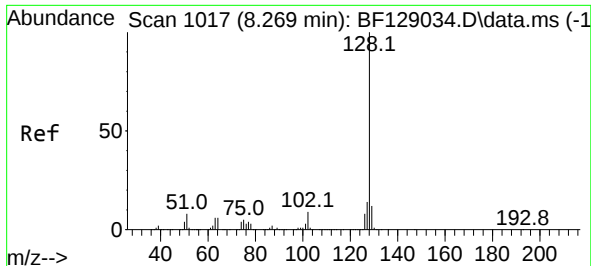
Ion Ratio Lower Upper

180 100

182 96.2 79.2 118.8

145 32.0 26.2 39.2

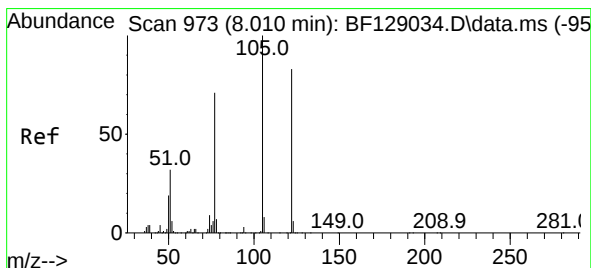
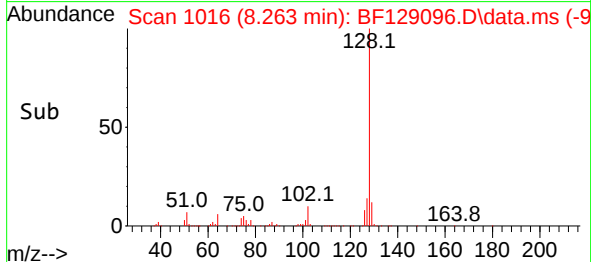
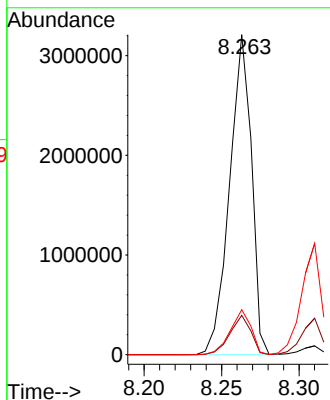
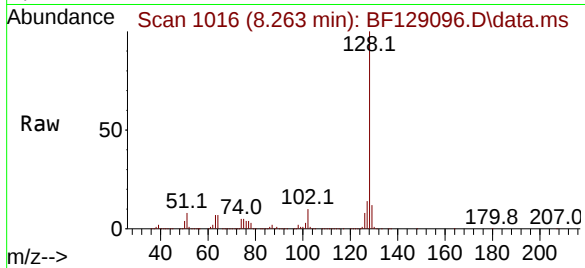




#31
Naphthalene
Concen: 49.554 ng
RT: 8.263 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

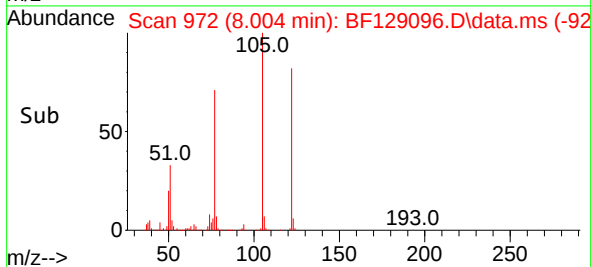
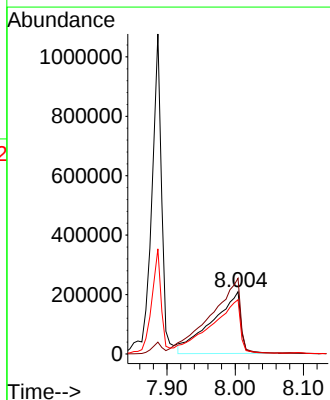
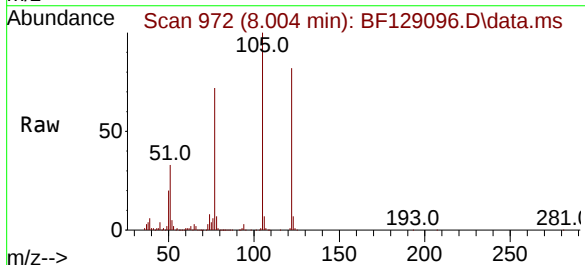
Instrument :
BNA_F
ClientSampleId :
S-4MSD

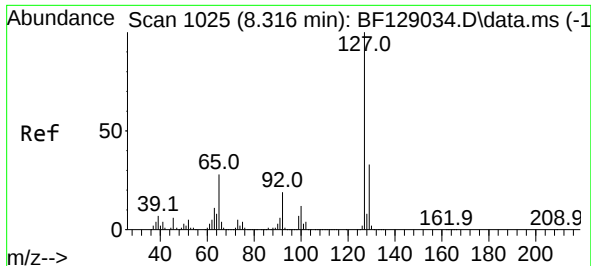
Tgt Ion:128 Resp: 3150711
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 14.1 10.5 15.7



#32
Benzoic acid
Concen: 39.929 ng
RT: 8.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:122 Resp: 610701
Ion Ratio Lower Upper
122 100
105 121.8 107.1 147.1
77 87.3 74.2 114.2

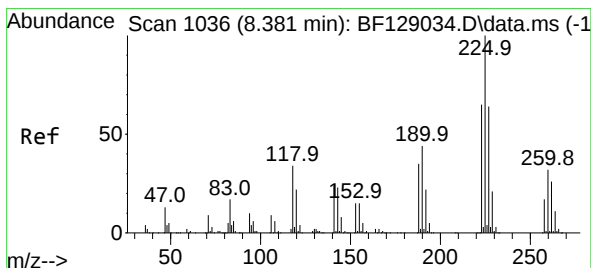
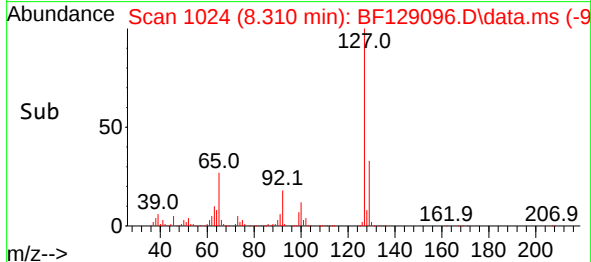
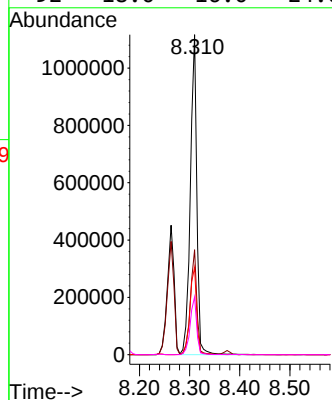
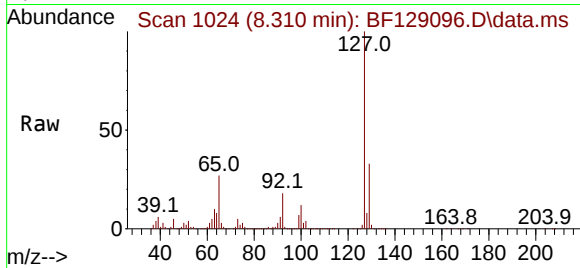




#33
4-Chloroaniline
Concen: 39.416 ng
RT: 8.310 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

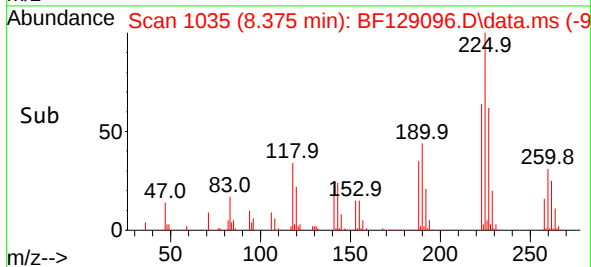
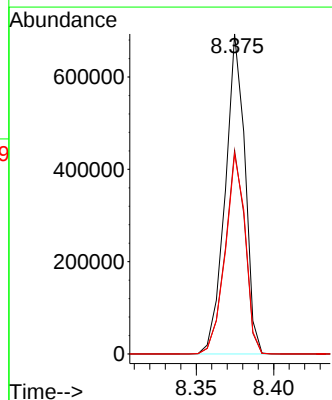
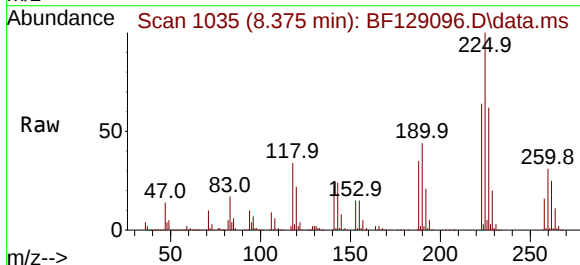
Instrument :
BNA_F
ClientSampleId :
S-4MSD

Tgt Ion:127 Resp: 1009841
Ion Ratio Lower Upper
127 100
129 32.8 26.4 39.6
65 27.2 26.4 39.6
92 18.0 16.0 24.0



#34
Hexachlorobutadiene
Concen: 48.083 ng
RT: 8.375 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:225 Resp: 614307
Ion Ratio Lower Upper
225 100
223 63.6 51.0 76.6
227 62.5 51.1 76.7

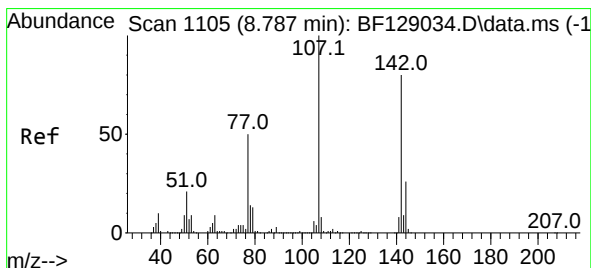
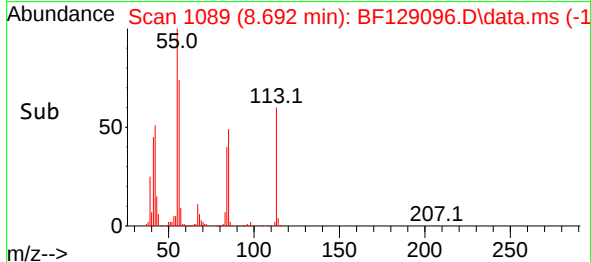
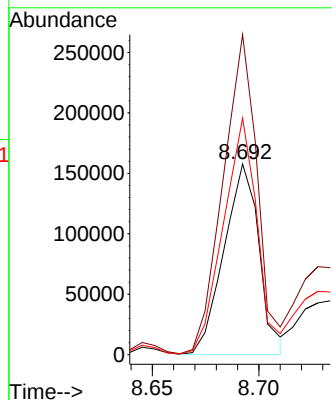
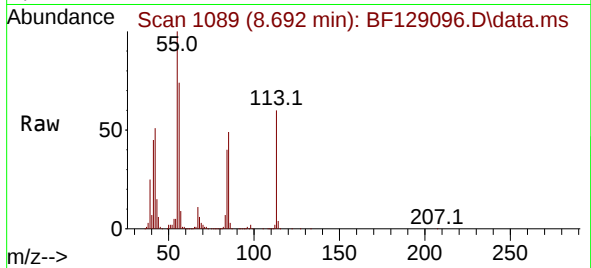




#35
Caprolactam
Concen: 29.382 ng
RT: 8.692 min Scan# 1089
Delta R.T. -0.018 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

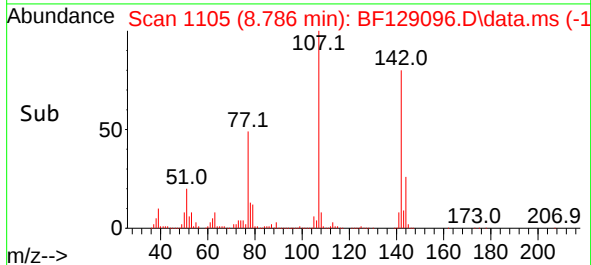
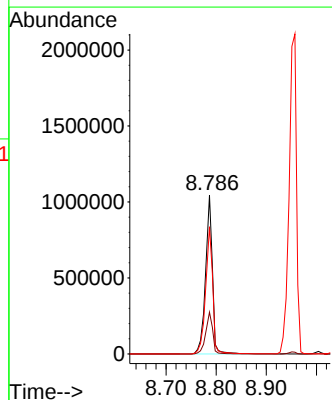
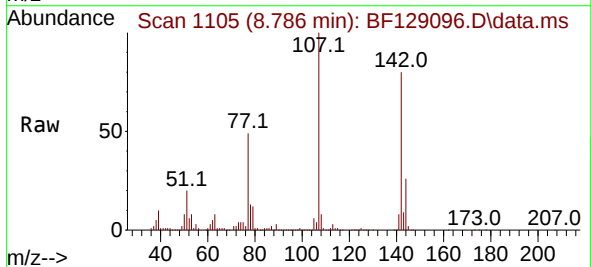
Instrument :
BNA_F
ClientSampleId :
S-4MSD

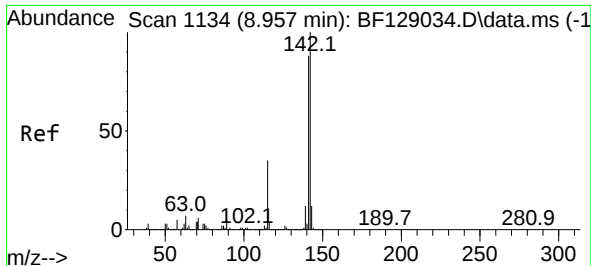
Tgt Ion:113 Resp: 181160
Ion Ratio Lower Upper
113 100
55 167.7 188.5 228.5#
56 123.9 130.6 170.6#



#36
4-Chloro-3-methylphenol
Concen: 50.491 ng
RT: 8.786 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:107 Resp: 997469
Ion Ratio Lower Upper
107 100
144 26.4 19.5 29.3
142 80.2 58.2 87.4

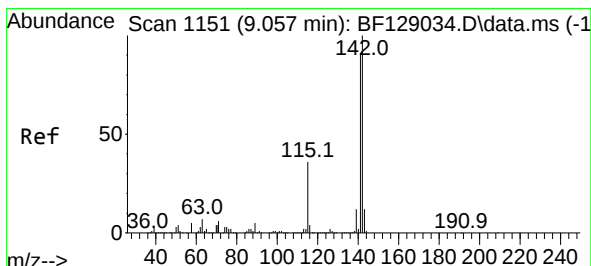
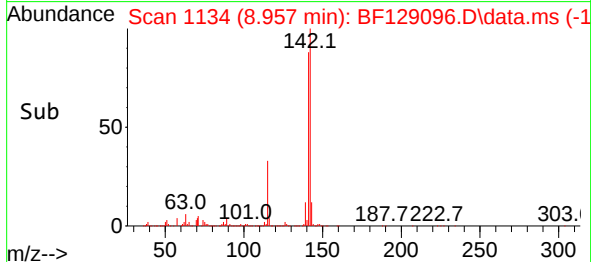
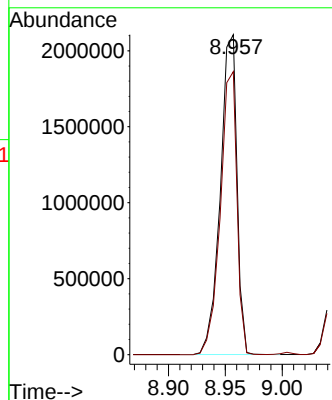
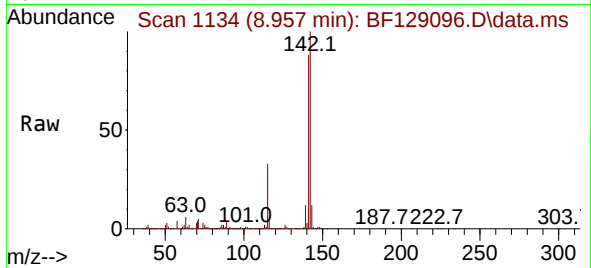




#37
2-Methylnaphthalene
Concen: 50.354 ng
RT: 8.957 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

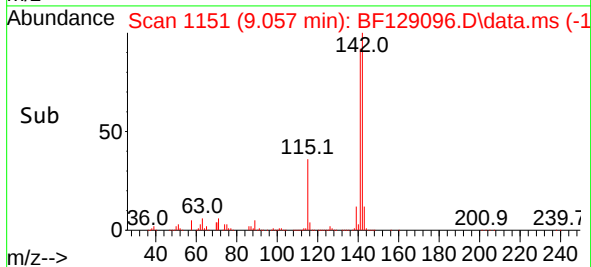
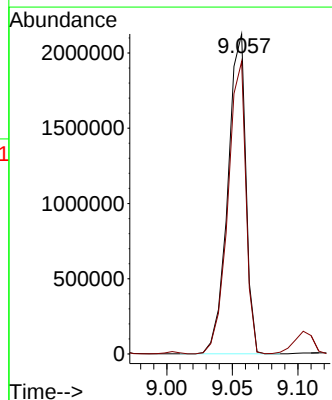
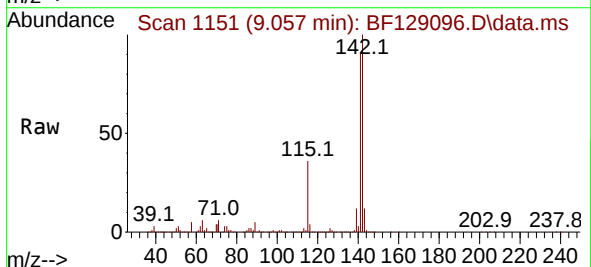
Instrument :
BNA_F
ClientSampleId :
S-4MSD

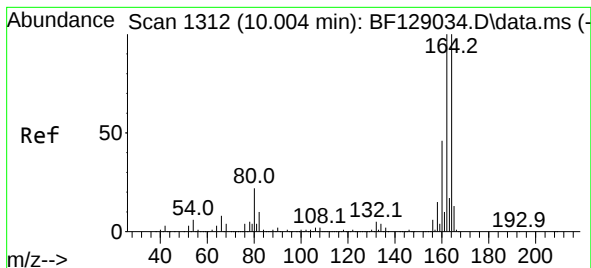
Tgt Ion:142 Resp: 2154336
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.4



#38
1-Methylnaphthalene
Concen: 49.136 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:142 Resp: 2041521
Ion Ratio Lower Upper
142 100
141 91.4 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Instrument :

BNA_F

ClientSampleId :

S-4MSD

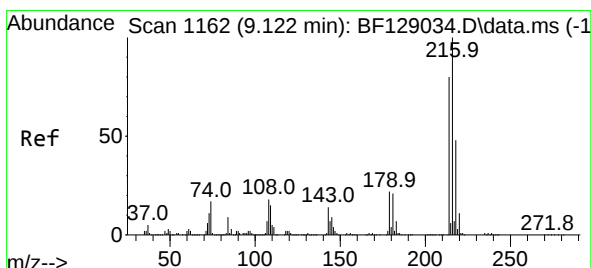
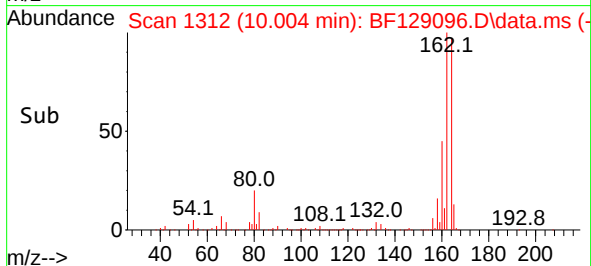
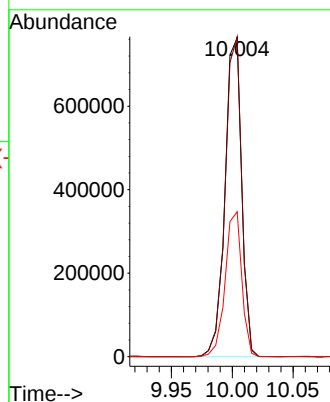
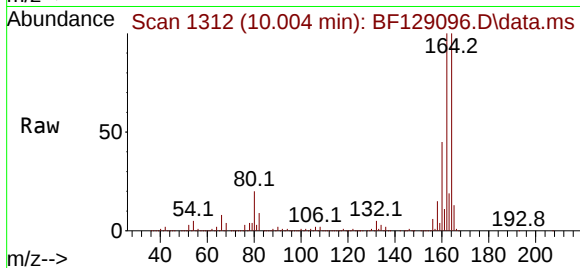
Tgt Ion:164 Resp: 727295

Ion Ratio Lower Upper

164 100

162 100.4 79.5 119.3

160 45.5 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.874 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.000 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Tgt Ion:216 Resp: 999128

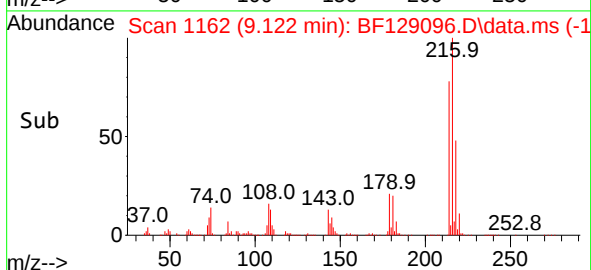
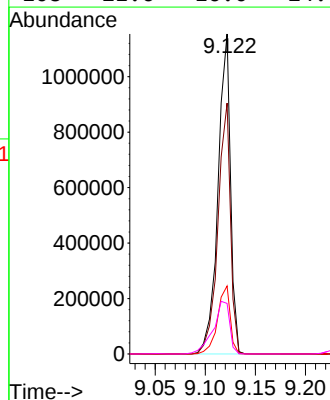
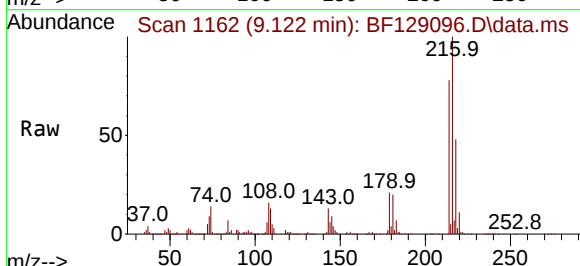
Ion Ratio Lower Upper

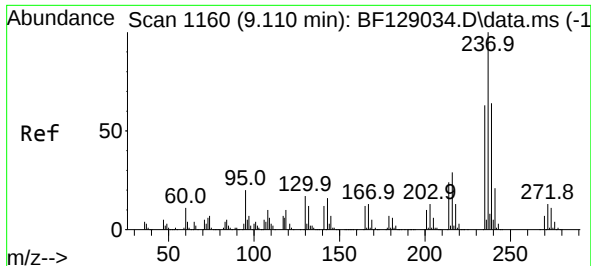
216 100

214 78.7 63.6 95.4

179 21.5 17.0 25.6

108 21.6 16.0 24.0

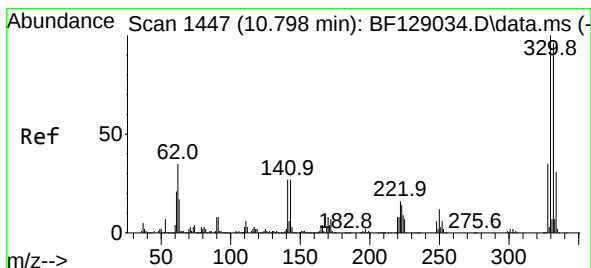
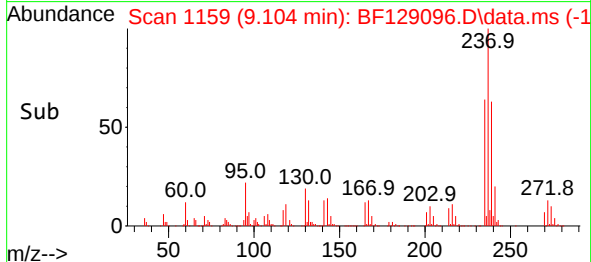
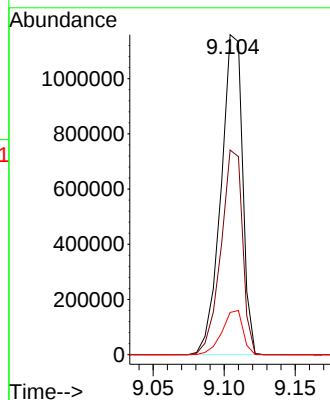
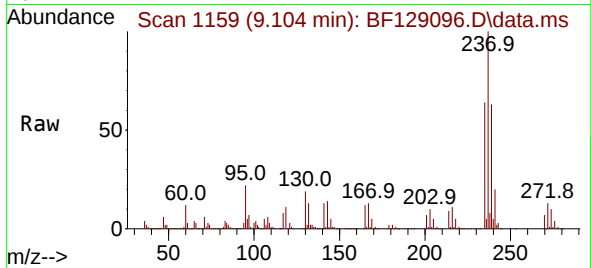




#41
Hexachlorocyclopentadiene
Concen: 113.251 ng
RT: 9.104 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

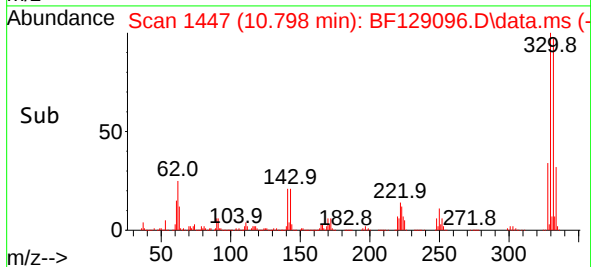
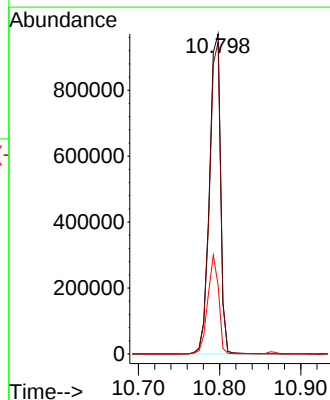
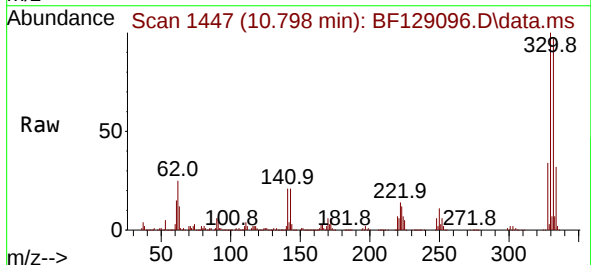
Instrument :
BNA_F
ClientSampleId :
S-4MSD

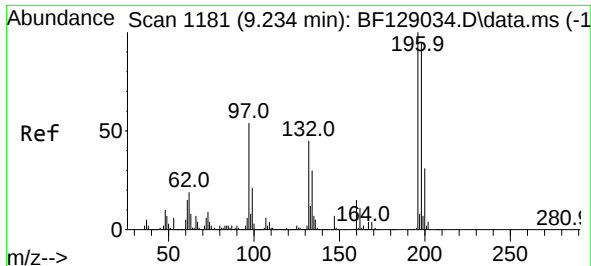
Tgt Ion:237 Resp: 1222090
Ion Ratio Lower Upper
237 100
235 64.0 43.2 83.2
272 13.2 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 115.776 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:330 Resp: 915583
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 30.3 28.0 42.0

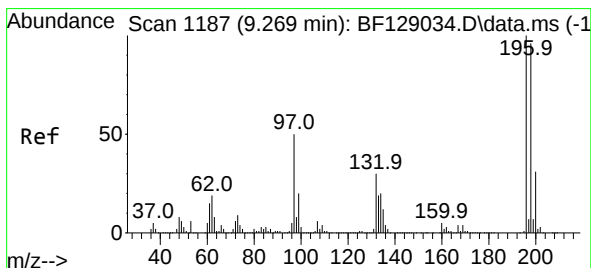
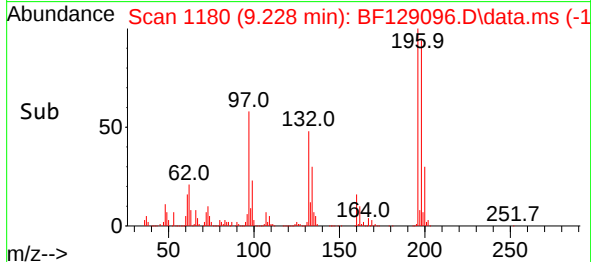
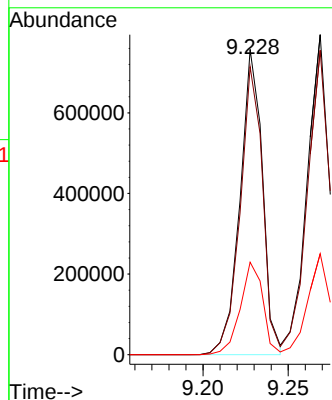
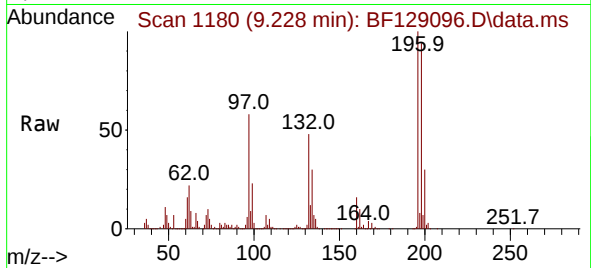




#43
2,4,6-Trichlorophenol
Concen: 49.873 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

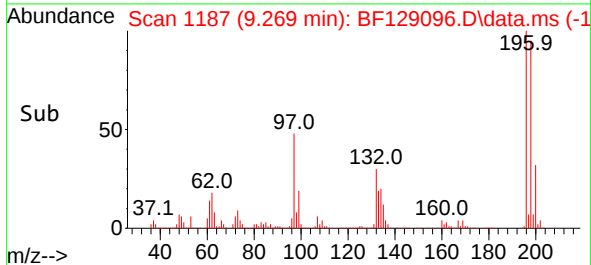
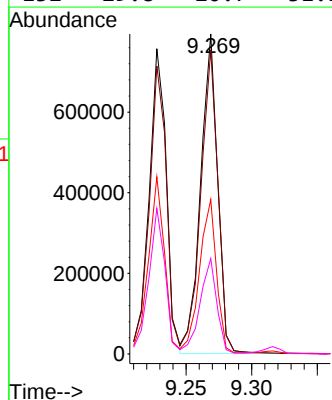
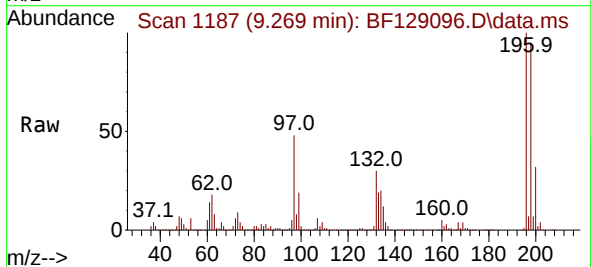
Instrument :
BNA_F
ClientSampleId :
S-4MSD

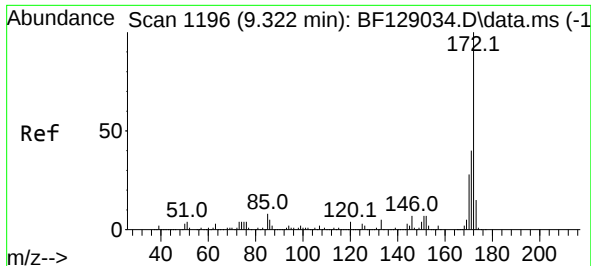
Tgt Ion:196 Resp: 694461
Ion Ratio Lower Upper
196 100
198 94.3 74.0 111.0
200 30.3 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 48.544 ng
RT: 9.269 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:196 Resp: 718997
Ion Ratio Lower Upper
196 100
198 95.1 75.7 113.5
97 48.2 36.4 54.6
132 29.8 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 75.754 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Instrument :

BNA_F

ClientSampleId :

S-4MSD

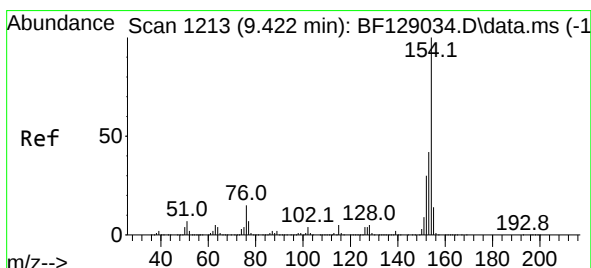
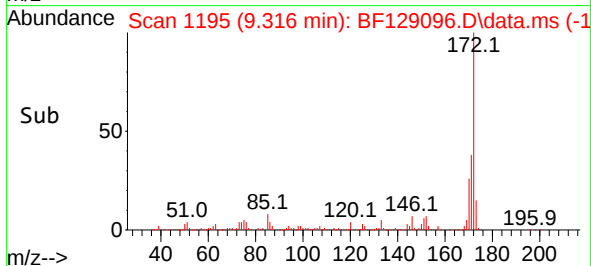
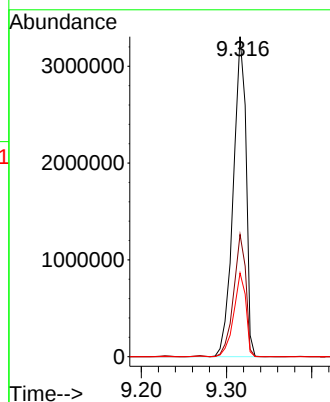
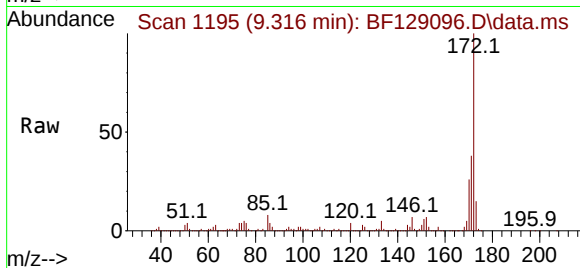
Tgt Ion:172 Resp: 3443923

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: 49.233 ng

RT: 9.422 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

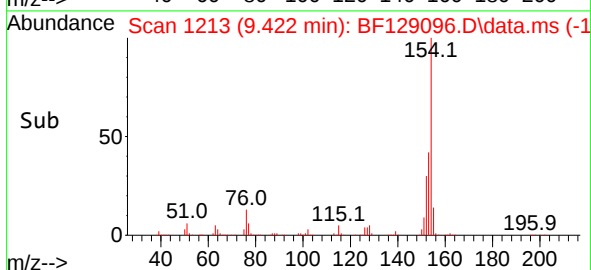
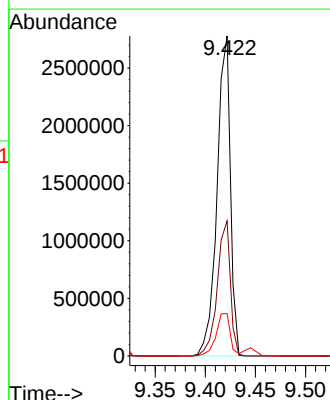
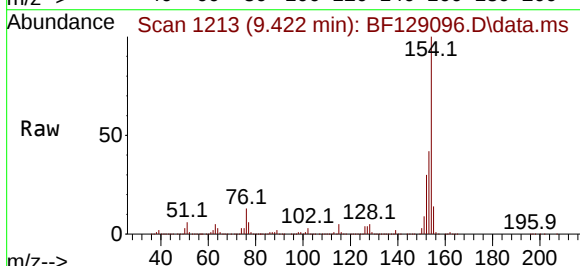
Tgt Ion:154 Resp: 2574272

Ion Ratio Lower Upper

154 100

153 42.2 20.6 60.6

76 13.2 0.0 33.3





#47

2-Chloronaphthalene

Concen: 49.373 ng

RT: 9.445 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Instrument :

BNA_F

ClientSampleId :

S-4MSD

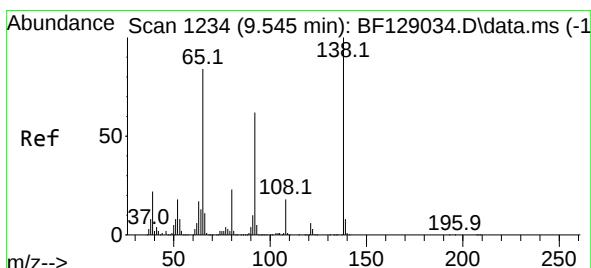
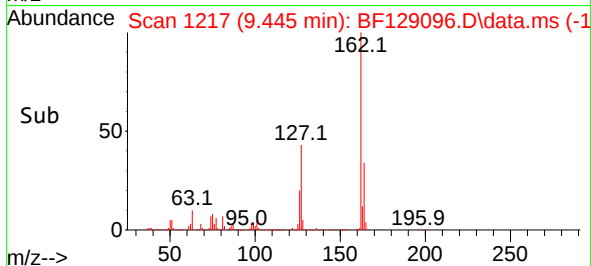
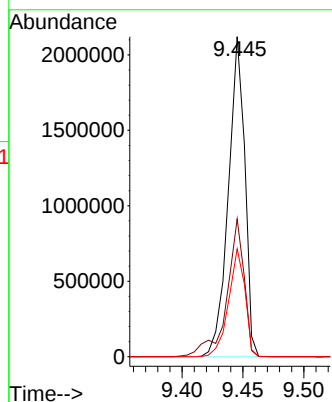
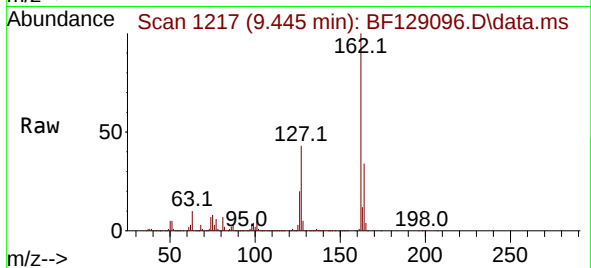
Tgt Ion:162 Resp: 1993604

Ion Ratio Lower Upper

162 100

127 43.0 34.5 51.7

164 33.7 26.5 39.7



#48

2-Nitroaniline

Concen: 56.170 ng

RT: 9.539 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

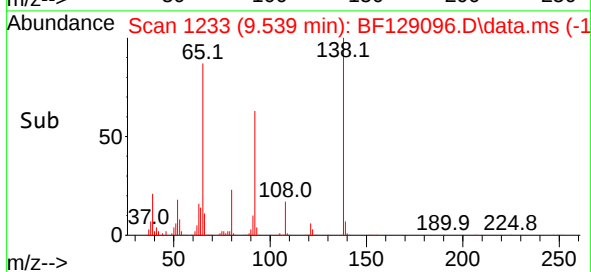
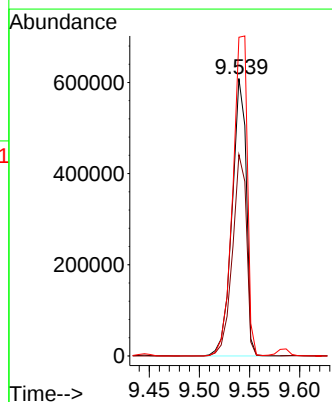
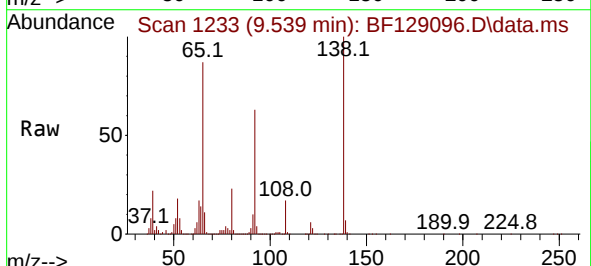
Tgt Ion: 65 Resp: 597362

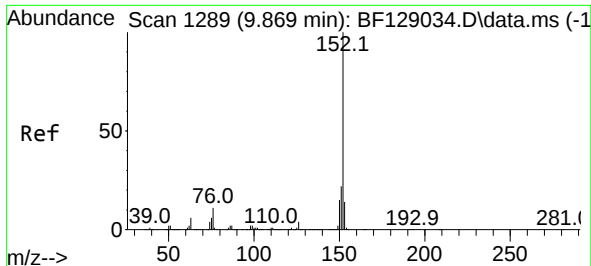
Ion Ratio Lower Upper

65 100

92 72.6 51.9 77.9

138 114.9 76.4 114.6#





#49

Acenaphthylene

Concen: 50.821 ng

RT: 9.863 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Instrument :

BNA_F

ClientSampleId :

S-4MSD

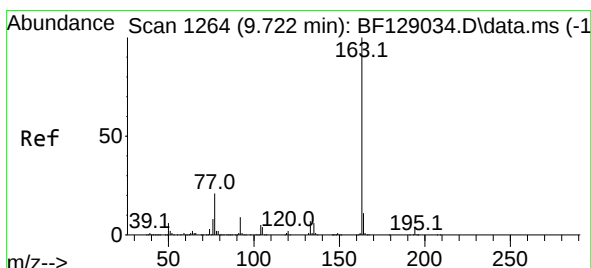
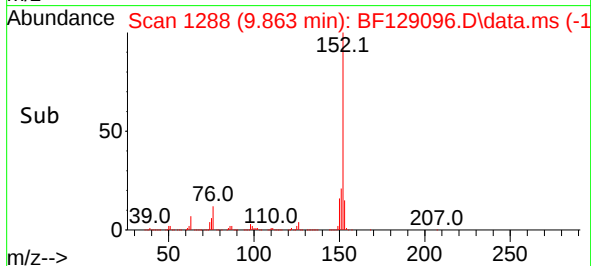
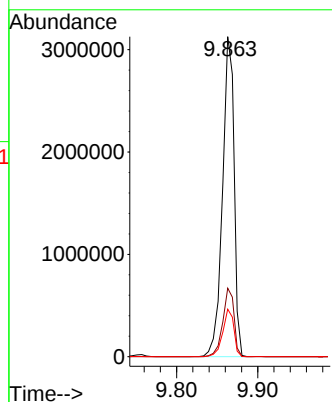
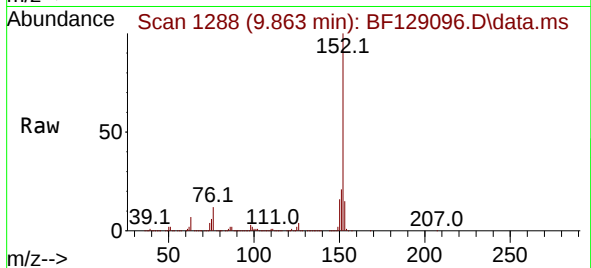
Tgt Ion:152 Resp: 3118089

Ion Ratio Lower Upper

152 100

151 21.4 16.2 24.4

153 14.8 10.7 16.1



#50

Dimethylphthalate

Concen: 49.885 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

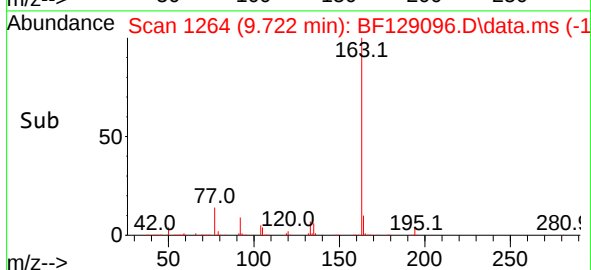
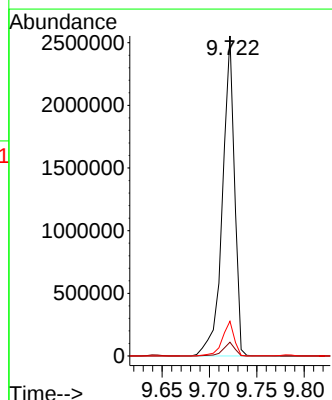
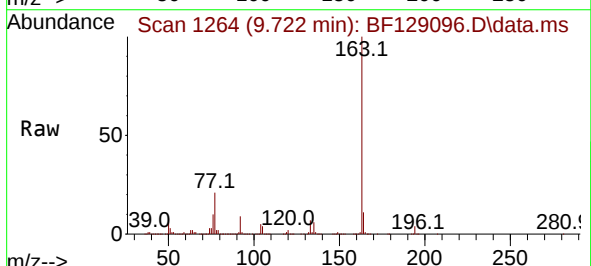
Tgt Ion:163 Resp: 2269750

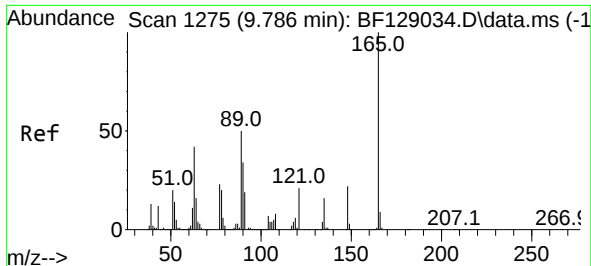
Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 10.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 56.601 ng

RT: 9.781 min Scan# 1275

Delta R.T. -0.006 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Instrument :

BNA_F

ClientSampleId :

S-4MSD

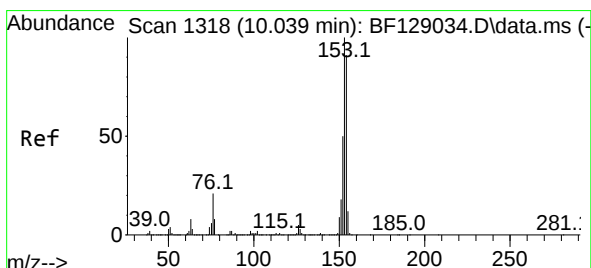
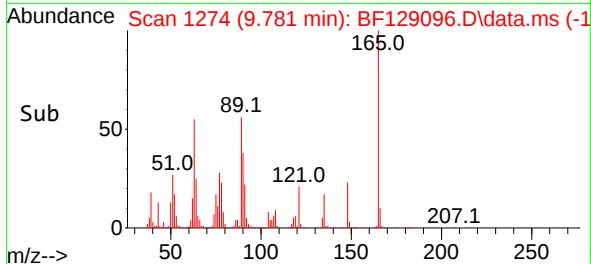
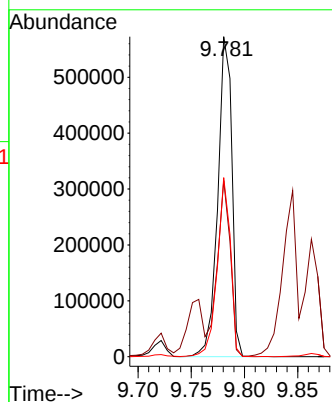
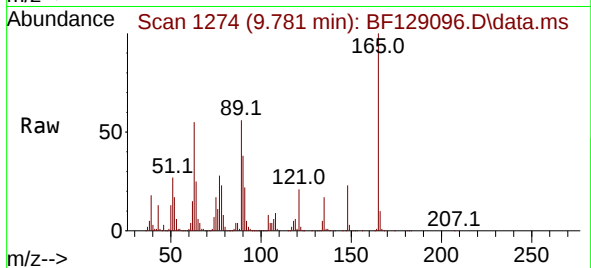
Tgt Ion:165 Resp: 526251

Ion Ratio Lower Upper

165 100

63 55.0 44.9 67.3

89 56.0 43.6 65.4



#52

Acenaphthene

Concen: 53.204 ng

RT: 10.039 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

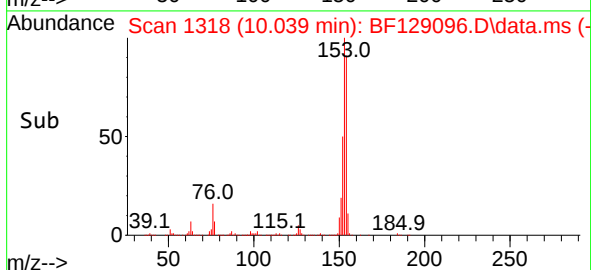
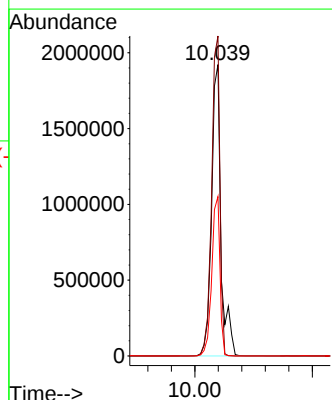
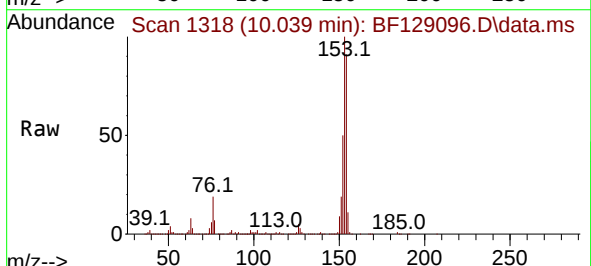
Tgt Ion:154 Resp: 2126289

Ion Ratio Lower Upper

154 100

153 109.8 89.6 134.4

152 54.7 42.4 63.6

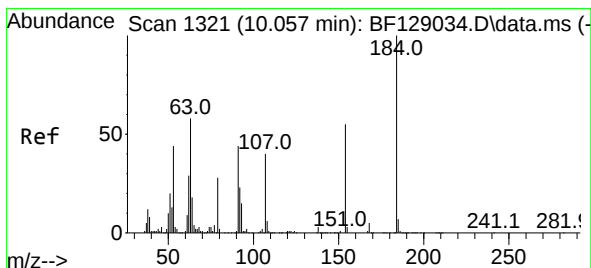
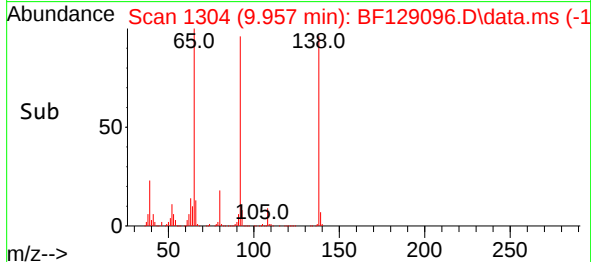
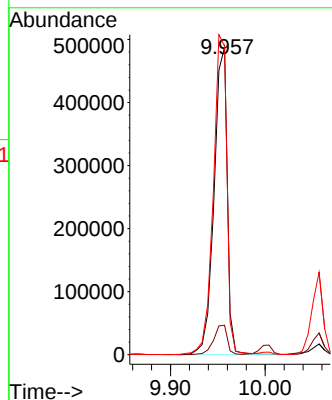
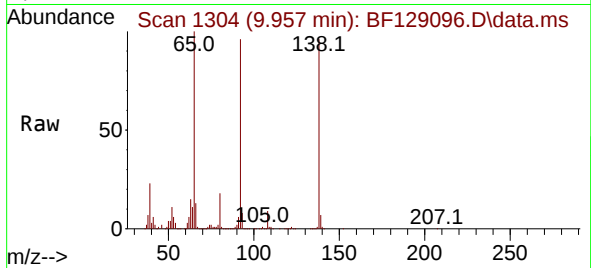




#53
3-Nitroaniline
Concen: 42.446 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

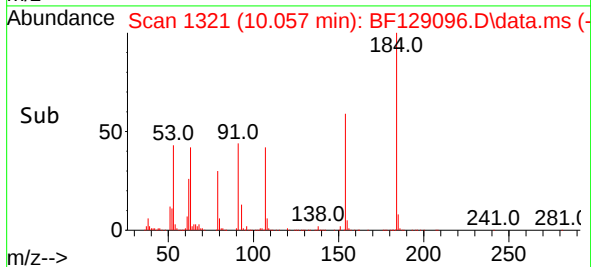
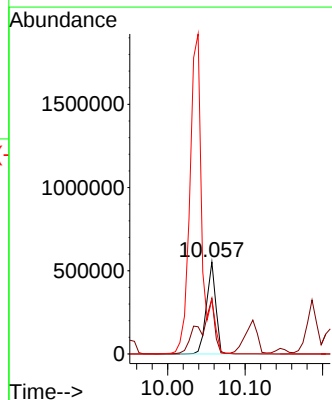
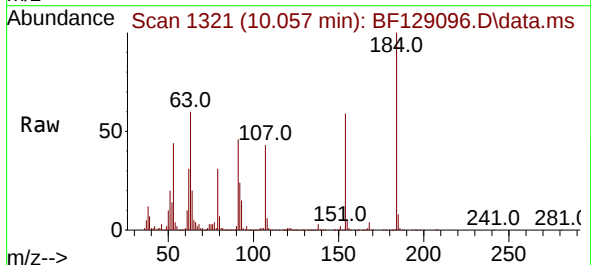
Instrument :
BNA_F
ClientSampleId :
S-4MSD

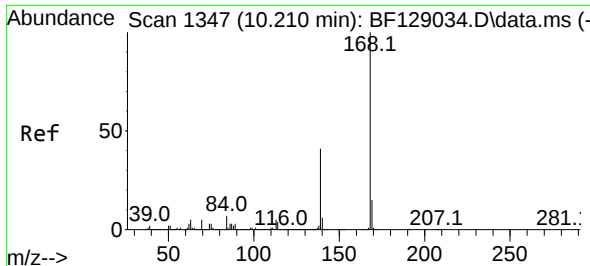
Tgt Ion:138 Resp: 470620
Ion Ratio Lower Upper
138 100
108 9.6 10.9 16.3#
92 100.3 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 90.934 ng
RT: 10.057 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:184 Resp: 462375
Ion Ratio Lower Upper
184 100
63 60.4 64.5 96.7#
154 59.3 50.6 75.8

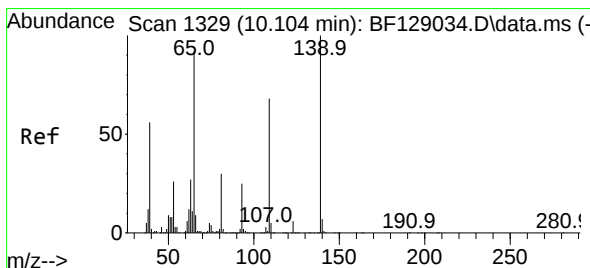
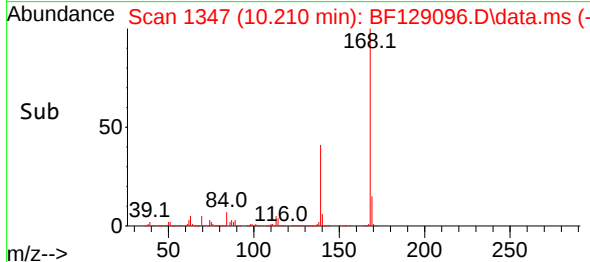
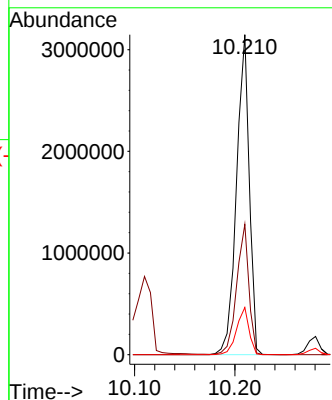
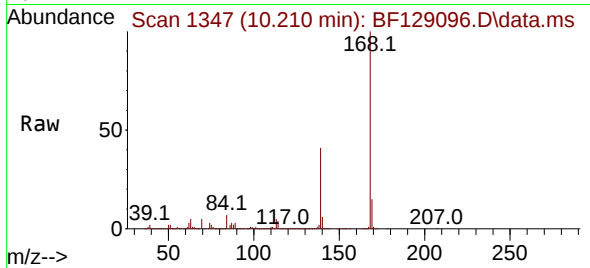




#55
Dibenzofuran
Concen: 48.107 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

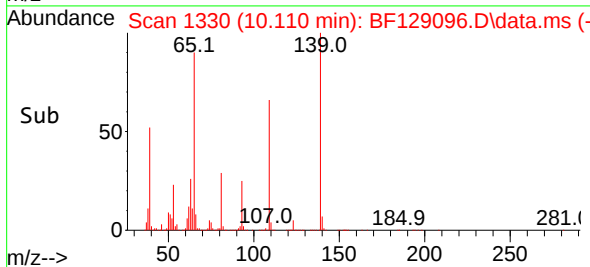
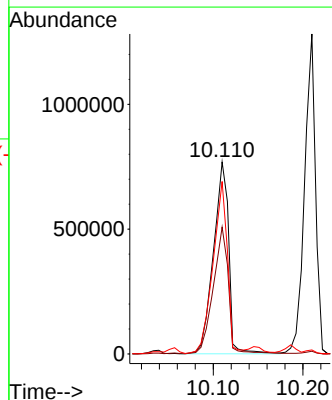
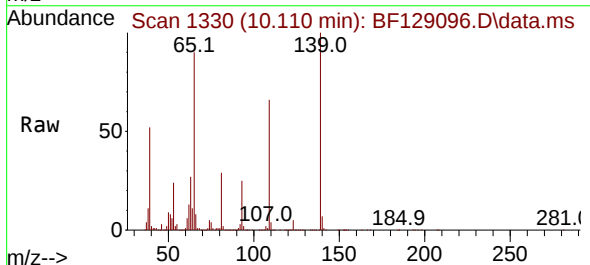
Instrument :
BNA_F
ClientSampleId :
S-4MSD

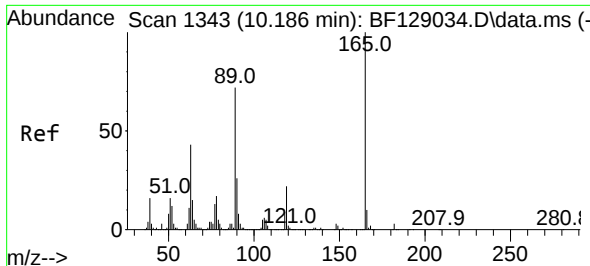
Tgt Ion:168 Resp: 2799499
Ion Ratio Lower Upper
168 100
139 40.7 30.6 46.0
169 14.8 11.0 16.6



#56
4-Nitrophenol
Concen: 100.043 ng
RT: 10.110 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:139 Resp: 906300
Ion Ratio Lower Upper
139 100
109 66.1 50.7 90.7
65 89.8 74.5 114.5

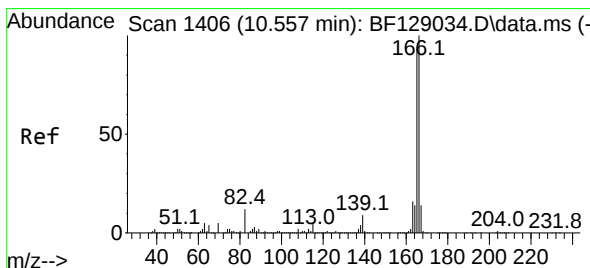
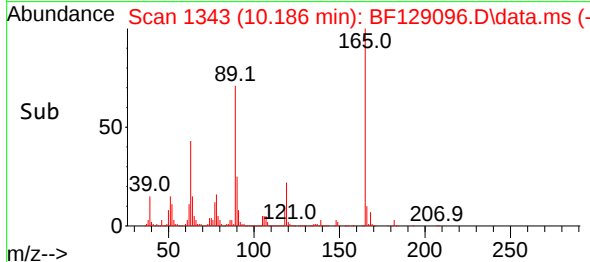
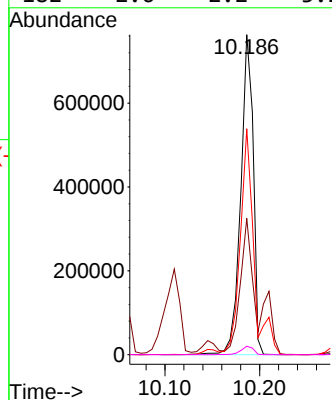
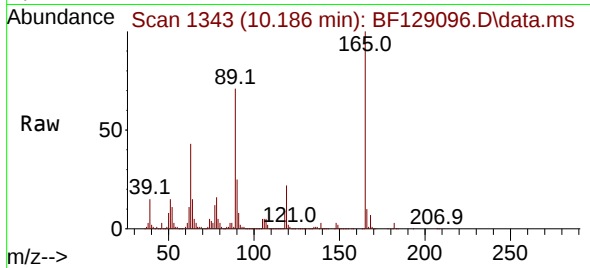




#57
2,4-Dinitrotoluene
Concen: 60.739 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

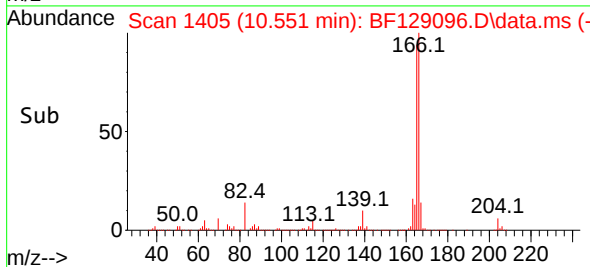
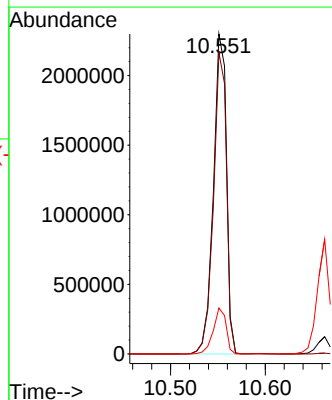
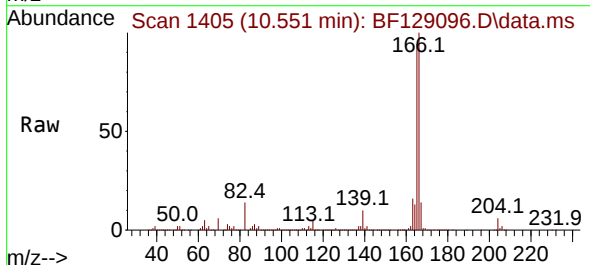
Instrument :
BNA_F
ClientSampleId :
S-4MSD

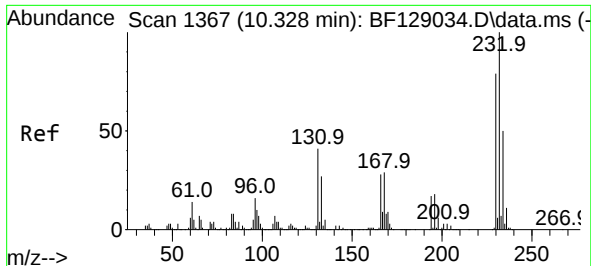
Tgt Ion:165 Resp: 697168
Ion Ratio Lower Upper
165 100
63 42.6 39.8 59.6
89 70.6 60.2 90.2
182 2.6 2.2 3.2



#58
Fluorene
Concen: 48.854 ng
RT: 10.551 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:166 Resp: 2199080
Ion Ratio Lower Upper
166 100
165 94.2 78.1 117.1
167 14.4 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.716 ng

RT: 10.322 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Instrument :

BNA_F

ClientSampleId :

S-4MSD

Tgt Ion:232 Resp: 597776

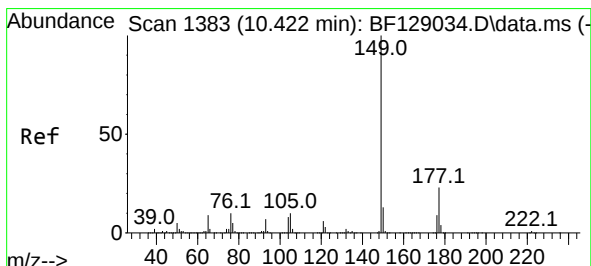
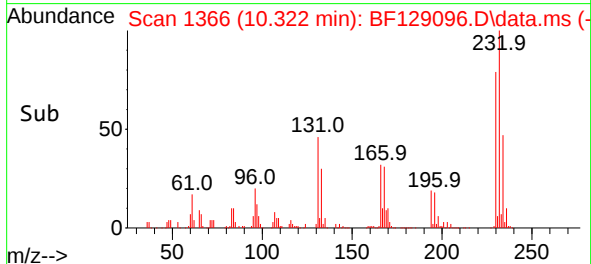
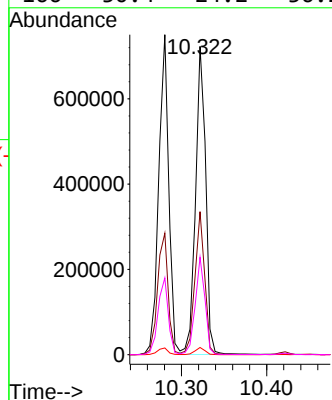
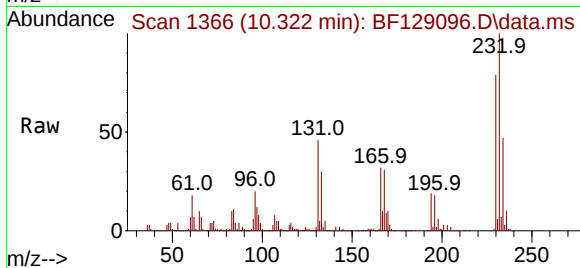
Ion Ratio Lower Upper

232 100

131 44.5 36.1 54.1

130 2.3 1.8 2.8

166 30.4 24.2 36.2



#60

Diethylphthalate

Concen: 49.224 ng

RT: 10.422 min Scan# 1383

Delta R.T. -0.000 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

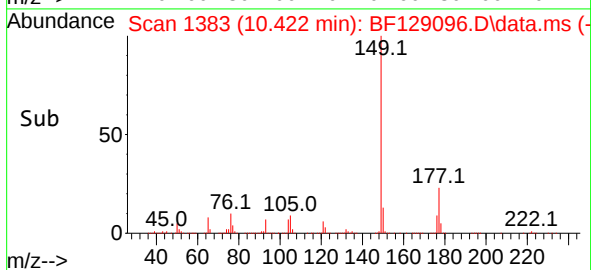
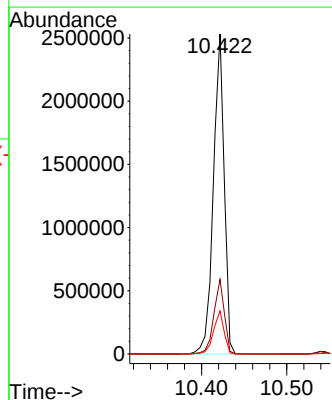
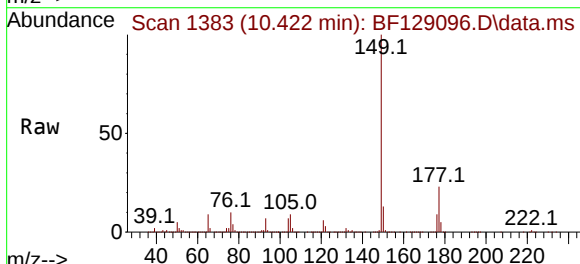
Tgt Ion:149 Resp: 2244197

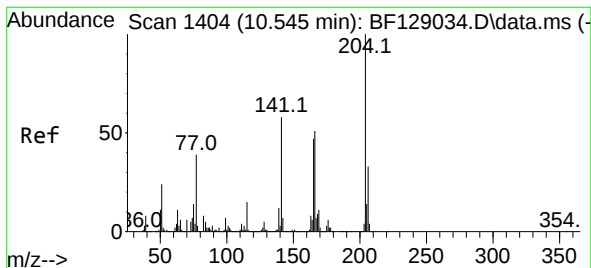
Ion Ratio Lower Upper

149 100

177 23.3 17.3 25.9

150 13.4 10.2 15.2

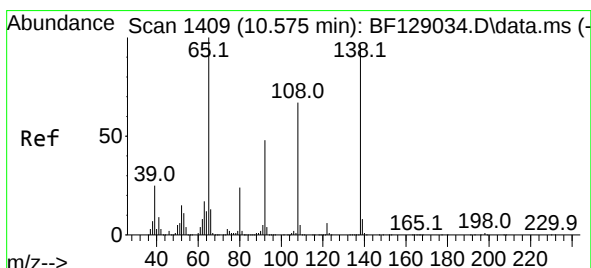
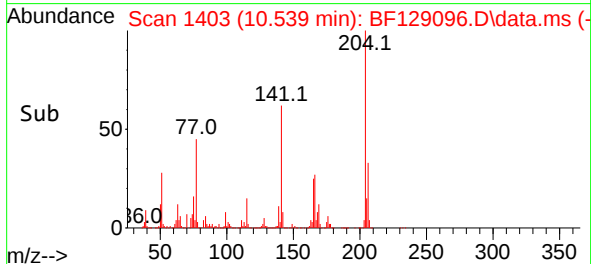
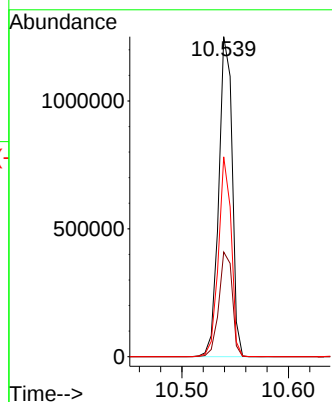
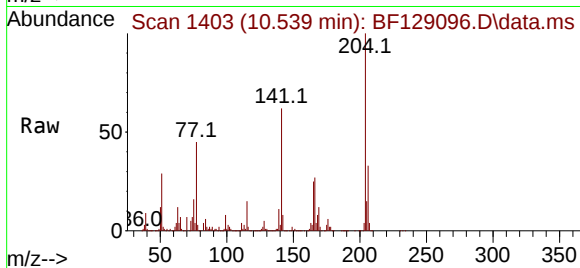




#61
4-Chlorophenyl-phenylether
Concen: 48.439 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

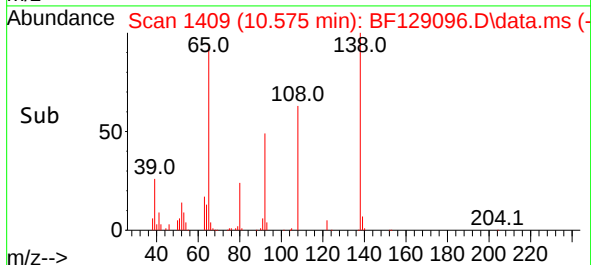
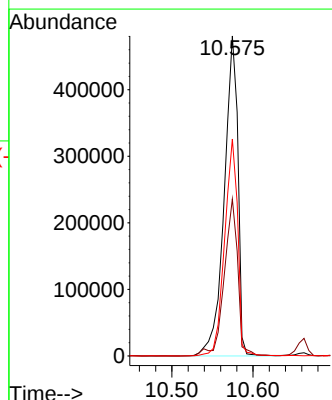
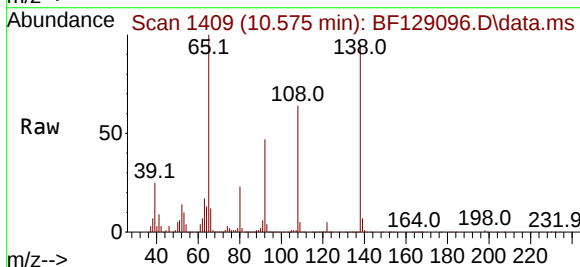
Instrument :
BNA_F
ClientSampleId :
S-4MSD

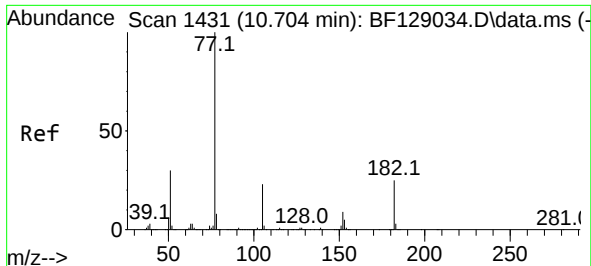
Tgt Ion:204 Resp: 1086394
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 62.5 47.0 70.4



#62
4-Nitroaniline
Concen: 51.565 ng
RT: 10.575 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:138 Resp: 566942
Ion Ratio Lower Upper
138 100
92 49.1 33.5 73.5
108 67.8 61.0 101.0



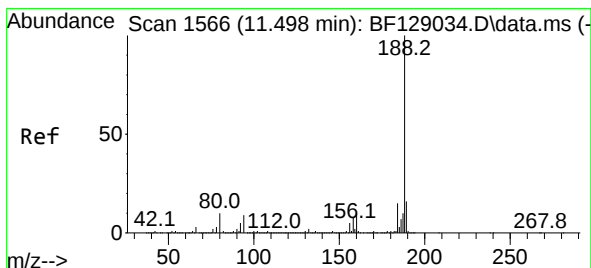
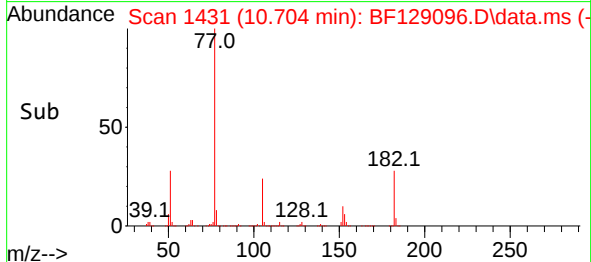
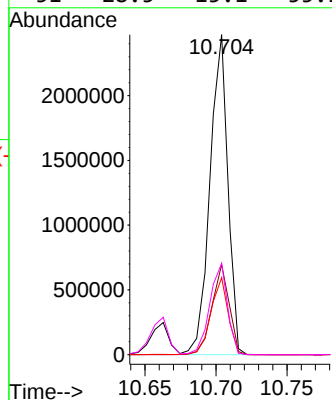
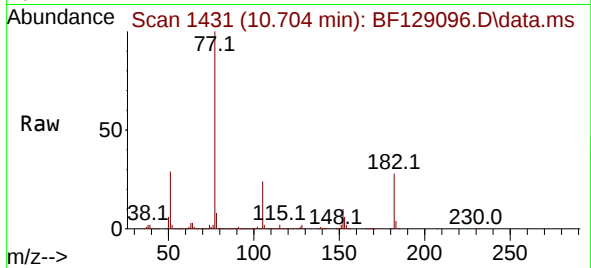


#63
Azobenzene
Concen: 48.342 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Instrument :
BNA_F
ClientSampleId :
S-4MSD

Tgt Ion: 77 Resp: 2159351

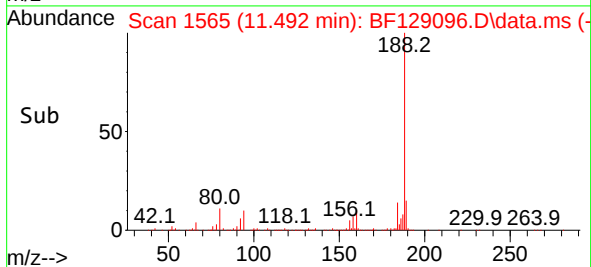
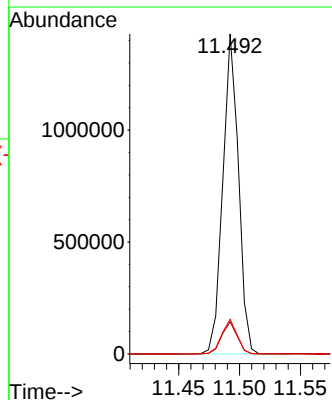
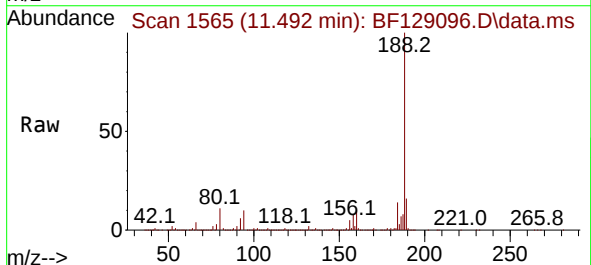
Ion	Ratio	Lower	Upper
77	100		
182	28.2	5.6	45.6
105	24.0	1.6	41.6
51	28.5	15.1	55.1

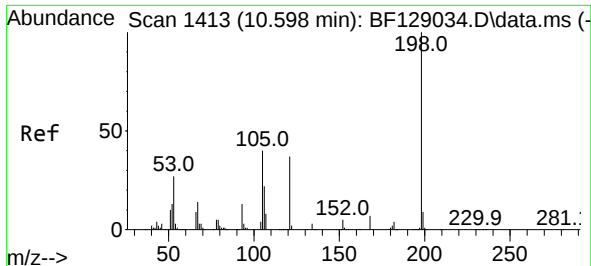


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion: 188 Resp: 1281555

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.0	10.6
80	10.8	7.6	11.4

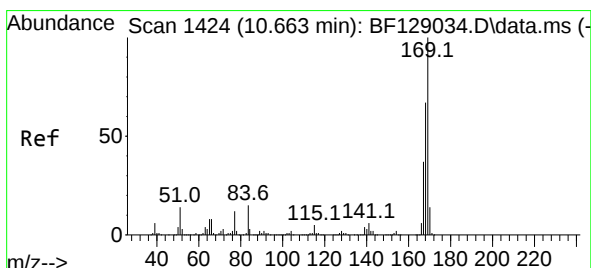
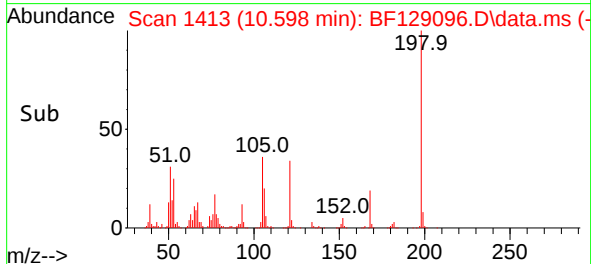
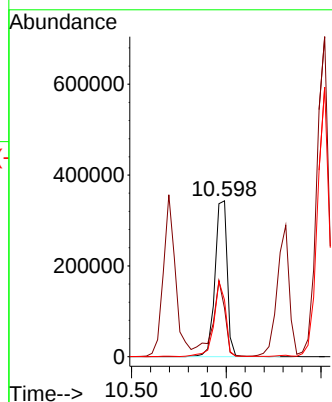
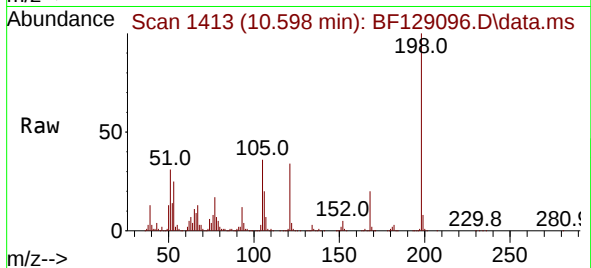




#65
4,6-Dinitro-2-methylphenol
Concen: 53.937 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

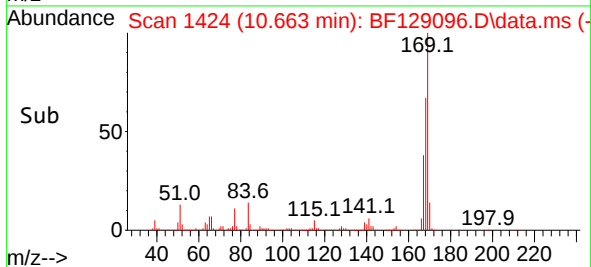
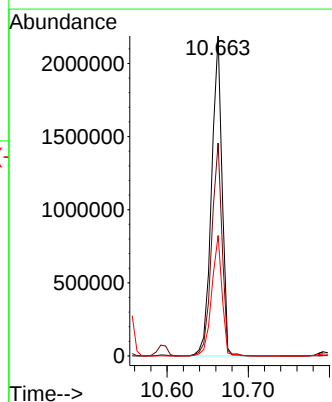
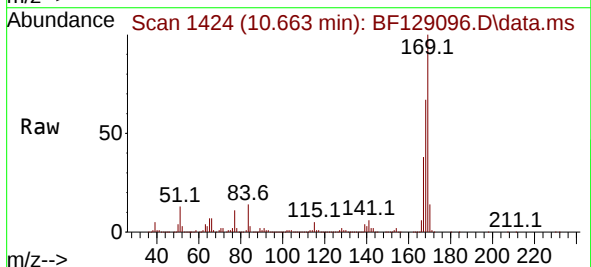
Instrument :
BNA_F
ClientSampleId :
S-4MSD

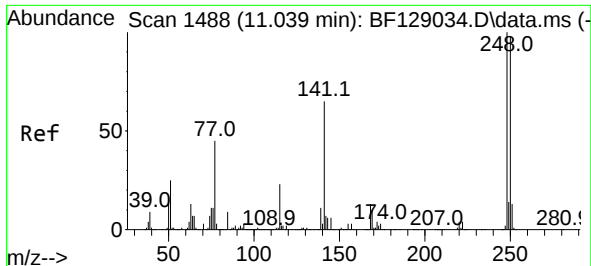
Tgt Ion:198 Resp: 305812
Ion Ratio Lower Upper
198 100
51 31.1 37.6 77.6#
105 36.3 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 49.949 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:169 Resp: 1944099
Ion Ratio Lower Upper
169 100
168 66.5 50.1 75.1
167 37.7 27.9 41.9

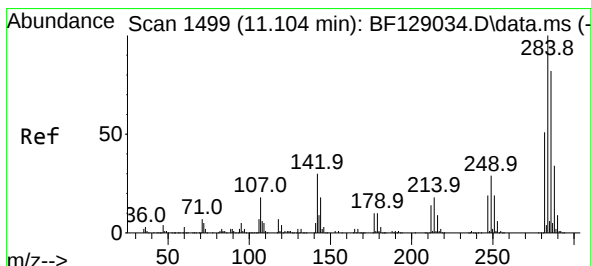
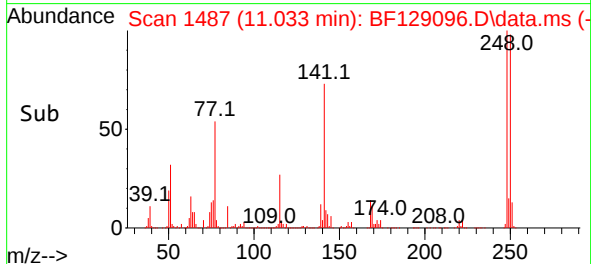
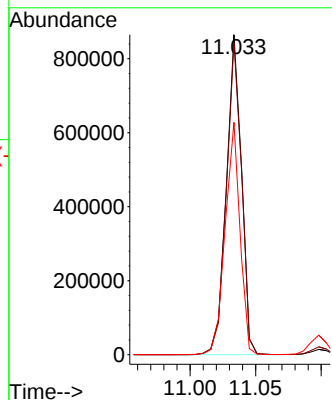
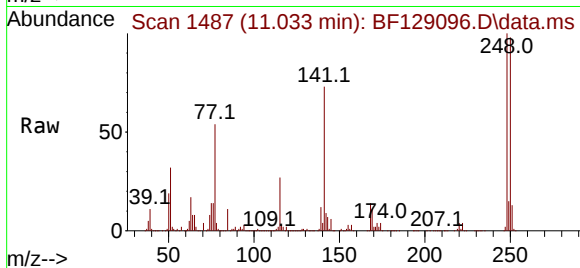




#67
4-Bromophenyl-phenylether
Concen: 50.956 ng
RT: 11.033 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

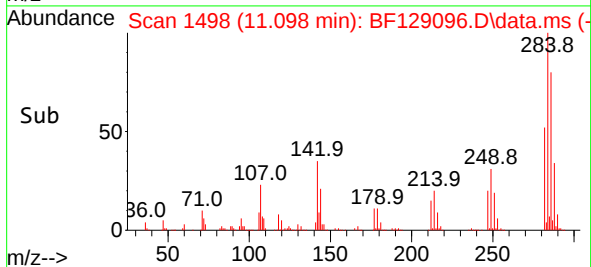
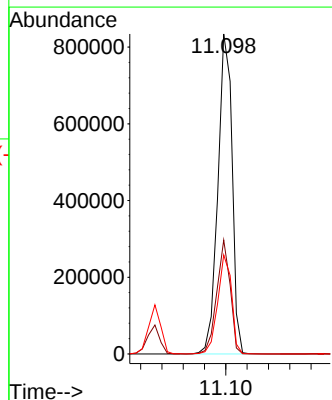
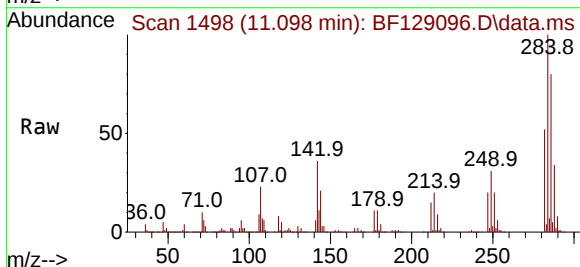
Instrument :
BNA_F
ClientSampleId :
S-4MSD

Tgt Ion:248 Resp: 694650
Ion Ratio Lower Upper
248 100
250 97.6 80.6 120.8
141 72.6 58.9 88.3



#68
Hexachlorobenzene
Concen: 50.648 ng
RT: 11.098 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:284 Resp: 768826
Ion Ratio Lower Upper
284 100
142 35.6 29.0 43.4
249 31.0 25.0 37.6





#69

Atrazine

Concen: 59.399 ng

RT: 11.192 min Scan# 1514

Delta R.T. -0.000 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Instrument :

BNA_F

ClientSampleId :

S-4MSD

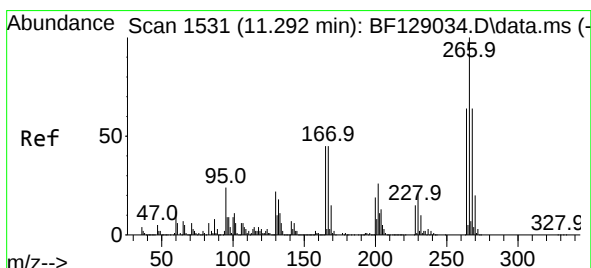
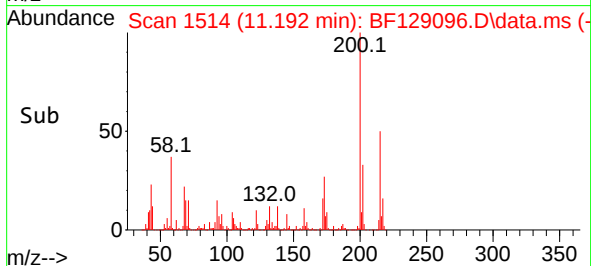
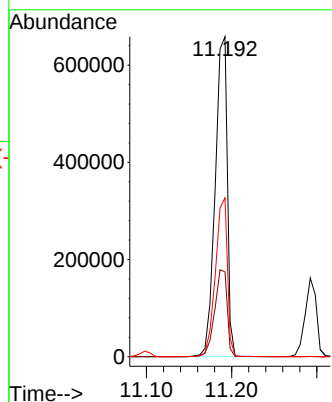
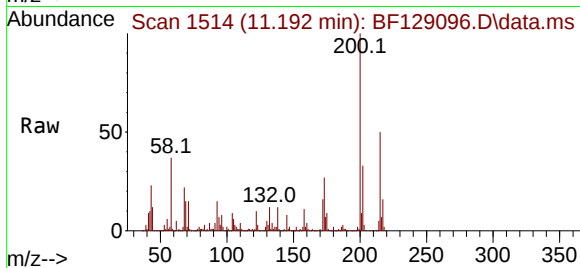
Tgt Ion:200 Resp: 650547

Ion Ratio Lower Upper

200 100

173 26.5 6.3 46.3

215 49.7 28.3 68.3



#70

Pentachlorophenol

Concen: 91.917 ng

RT: 11.292 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

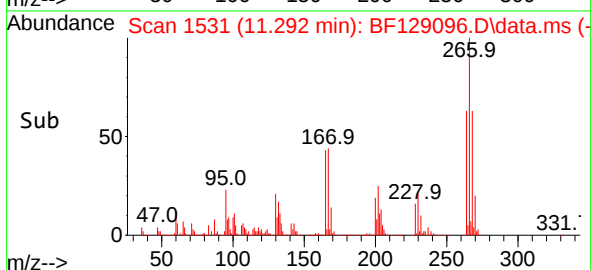
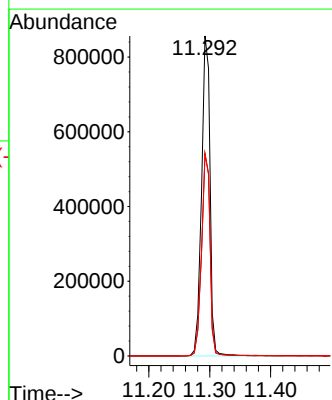
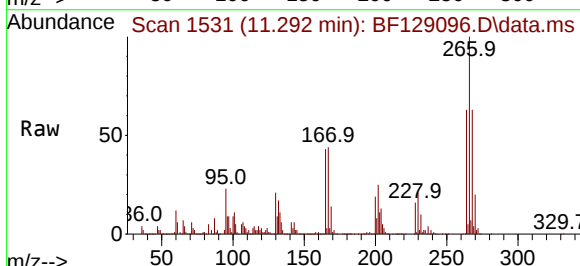
Tgt Ion:266 Resp: 831062

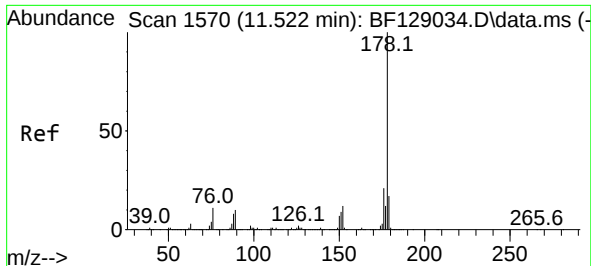
Ion Ratio Lower Upper

266 100

268 63.3 51.0 76.4

264 63.2 49.4 74.2

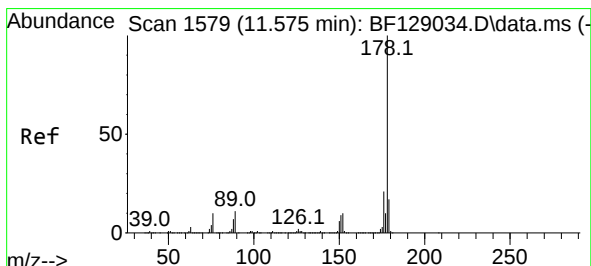
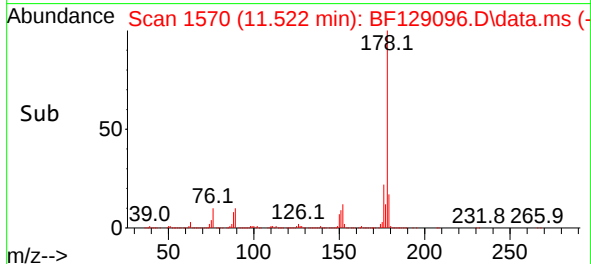
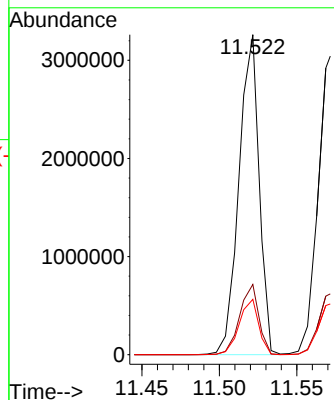
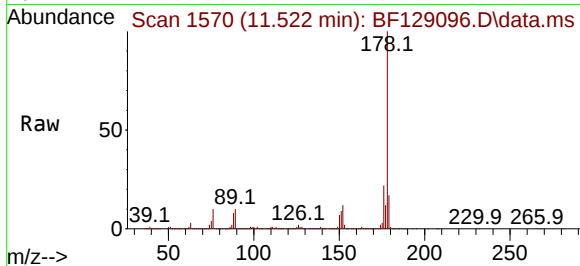




#71
Phenanthrene
Concen: 48.288 ng
RT: 11.522 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

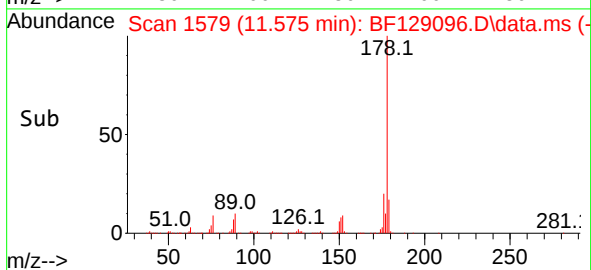
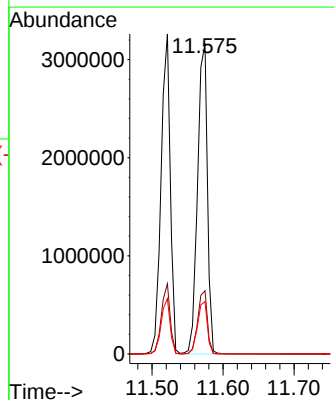
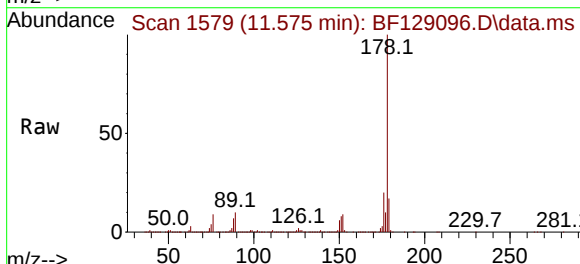
Instrument :
BNA_F
ClientSampleId :
S-4MSD

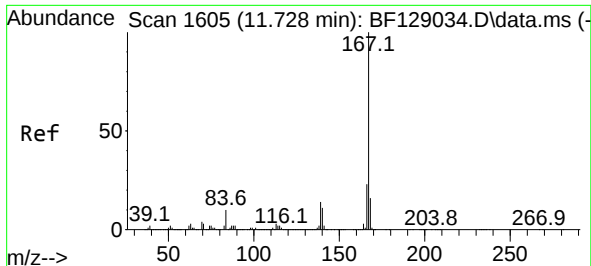
Tgt Ion:178 Resp: 2956812
Ion Ratio Lower Upper
178 100
176 21.9 16.0 24.0
179 17.3 12.6 19.0



#72
Anthracene
Concen: 50.711 ng
RT: 11.575 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:178 Resp: 3061469
Ion Ratio Lower Upper
178 100
176 20.4 15.4 23.2
179 16.9 12.6 19.0

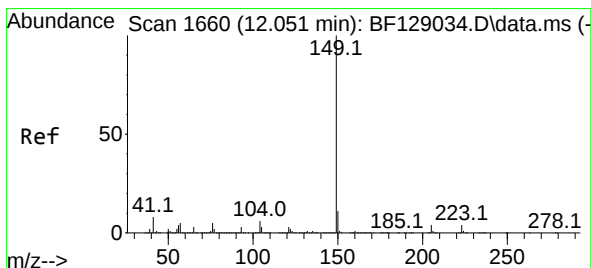
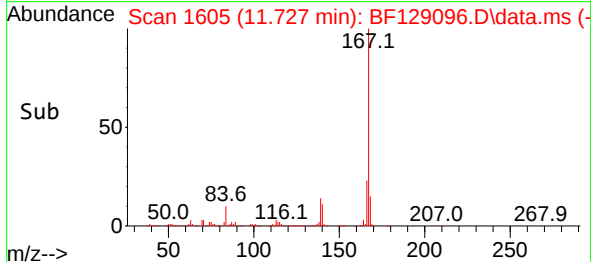
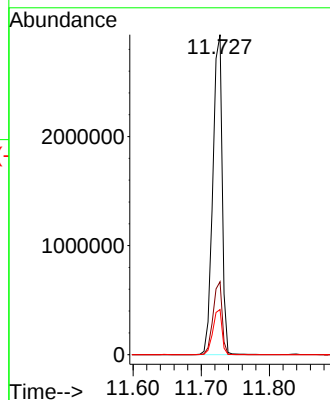
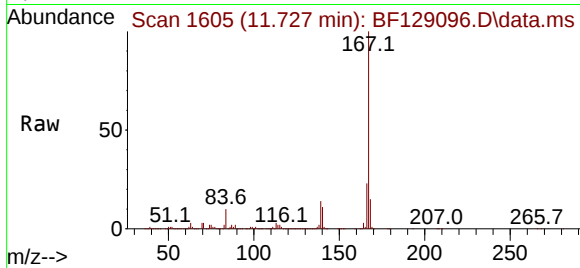




#73
 Carbazole
 Concen: 46.243 ng
 RT: 11.727 min Scan# 1605
 Delta R.T. -0.000 min
 Lab File: BF129096.D
 Acq: 01 Jul 2022 17:25

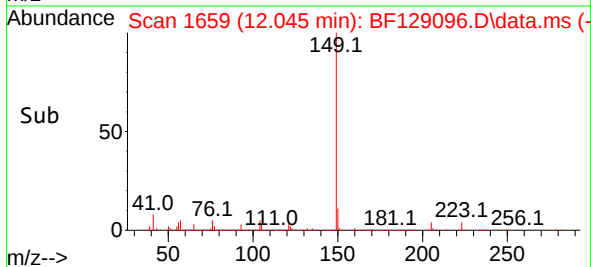
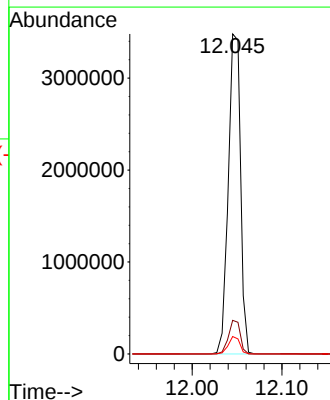
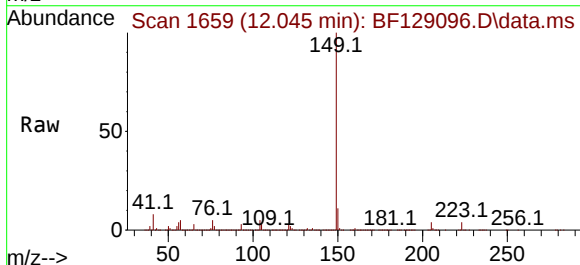
Instrument :
 BNA_F
 ClientSampleId :
 S-4MSD

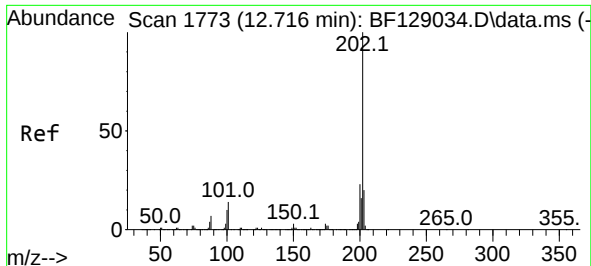
Tgt Ion:167 Resp: 2797426
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.7 26.5
 139 14.1 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 51.652 ng
 RT: 12.045 min Scan# 1659
 Delta R.T. -0.006 min
 Lab File: BF129096.D
 Acq: 01 Jul 2022 17:25

Tgt Ion:149 Resp: 3294481
 Ion Ratio Lower Upper
 149 100
 150 10.5 7.5 11.3
 104 5.4 4.4 6.6

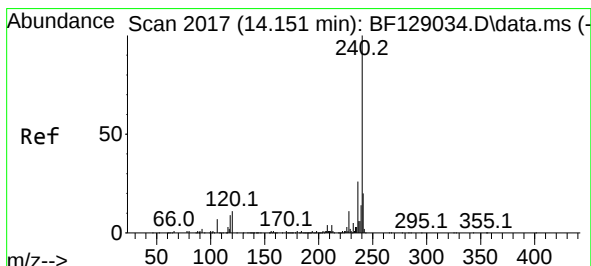
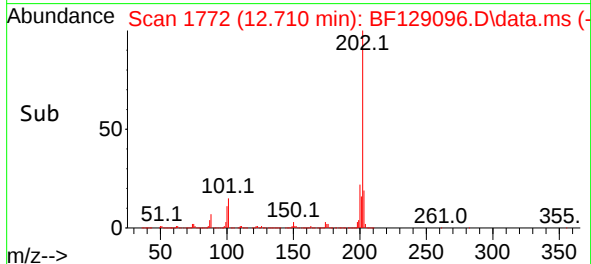
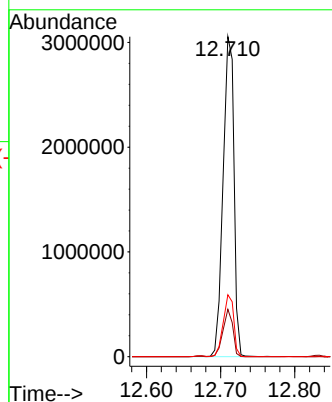
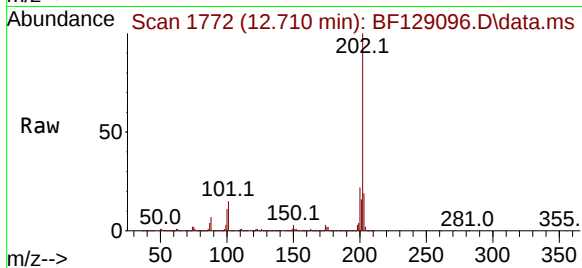




#75
Fluoranthene
Concen: 48.833 ng
RT: 12.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

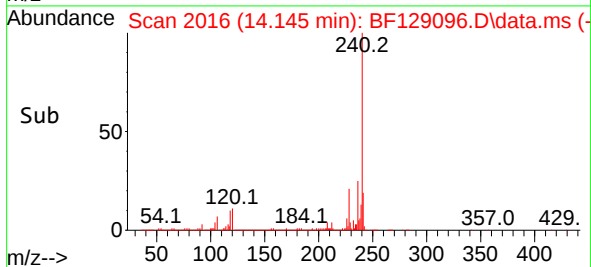
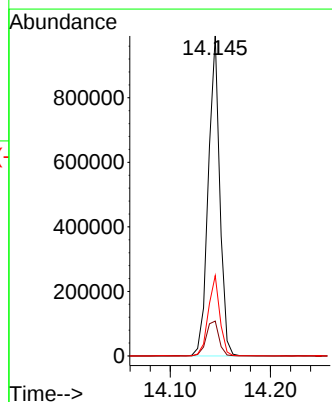
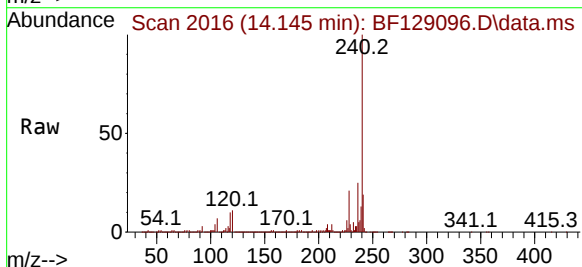
Instrument :
BNA_F
ClientSampleId :
S-4MSD

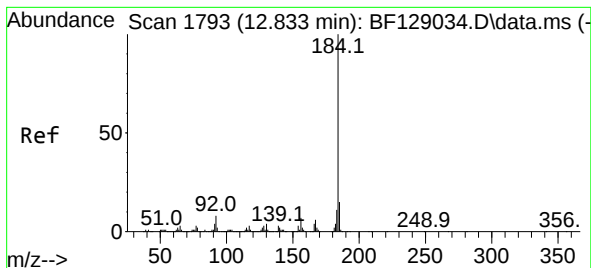
Tgt Ion:202 Resp: 3127150
Ion Ratio Lower Upper
202 100
101 14.8 0.0 31.4
203 19.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:240 Resp: 792779
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.1 20.8 31.2





#77

Benzidine

Concen: 129.518 ng

RT: 12.833 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Instrument :

BNA_F

ClientSampleId :

S-4MSD

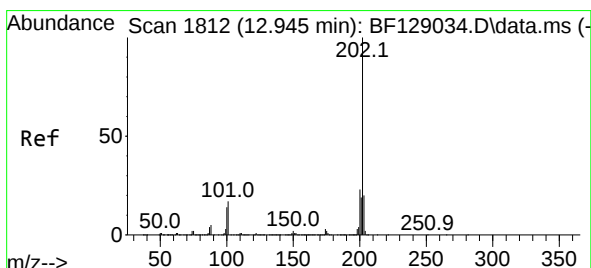
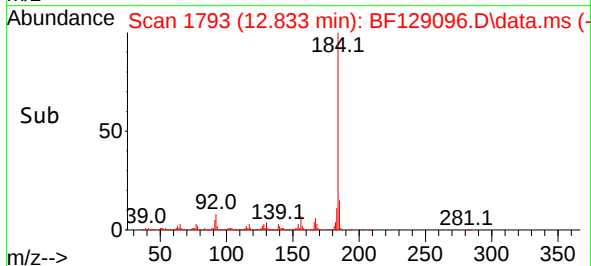
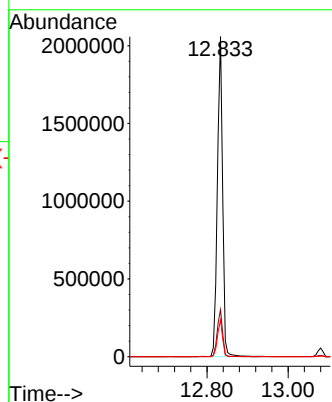
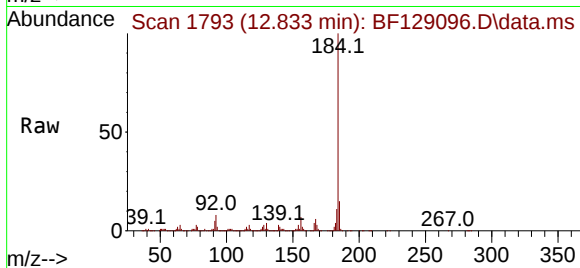
Tgt Ion:184 Resp: 1828337

Ion Ratio Lower Upper

184 100

185 14.7 11.9 17.9

183 11.5 9.3 13.9



#78

Pyrene

Concen: 57.107 ng

RT: 12.945 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

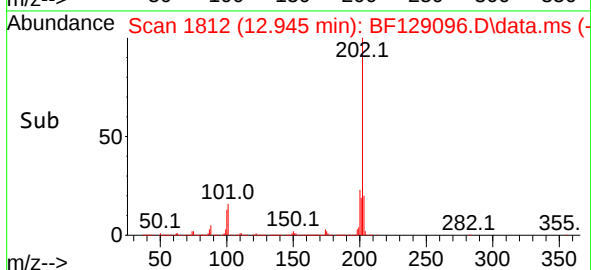
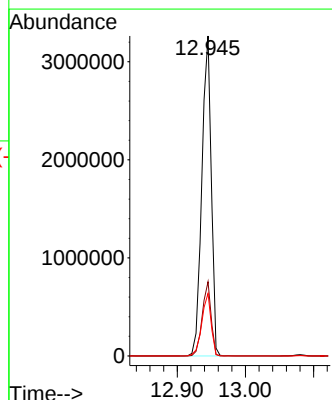
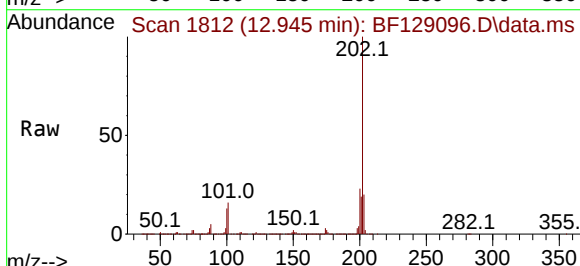
Tgt Ion:202 Resp: 3138130

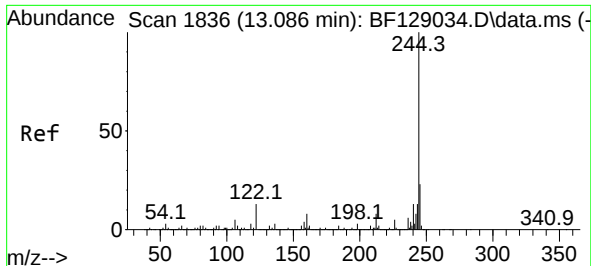
Ion Ratio Lower Upper

202 100

200 23.2 17.7 26.5

203 19.5 14.6 21.8

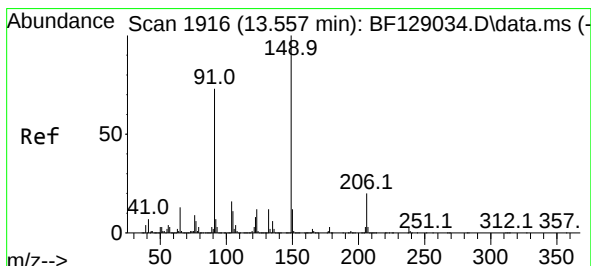
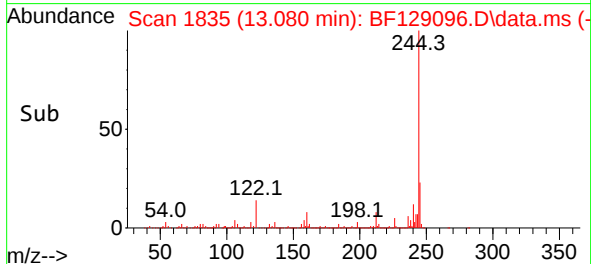
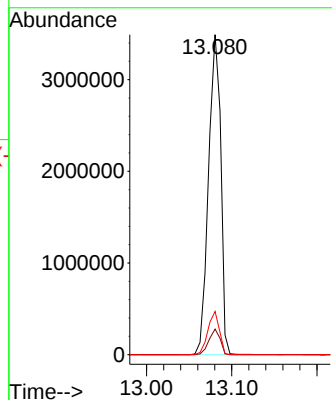
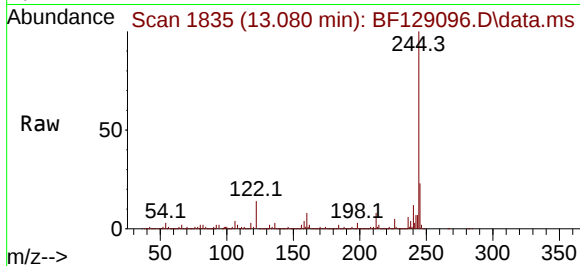




#79
 Terphenyl-d14
 Concen: 91.206 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129096.D
 Acq: 01 Jul 2022 17:25

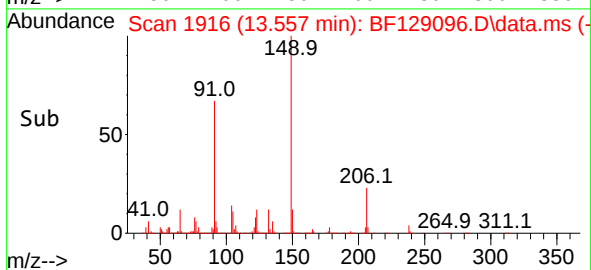
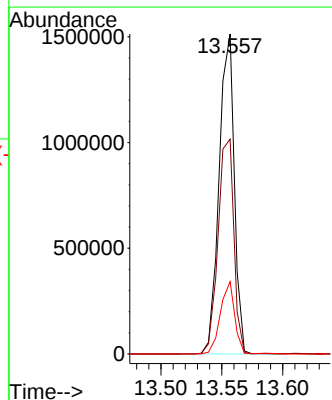
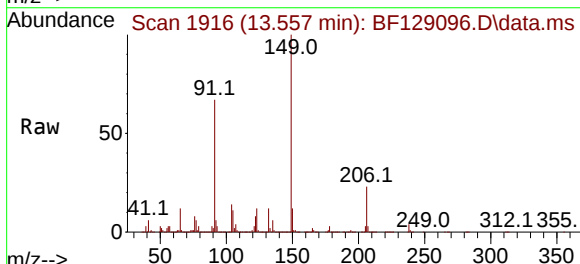
Instrument :
 BNA_F
 ClientSampleId :
 S-4MSD

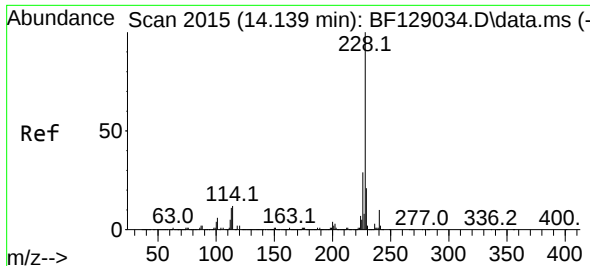
Tgt Ion:244 Resp: 3481888
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 13.5 8.8 13.2#



#80
 Butylbenzylphthalate
 Concen: 58.704 ng
 RT: 13.557 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: BF129096.D
 Acq: 01 Jul 2022 17:25

Tgt Ion:149 Resp: 1314184
 Ion Ratio Lower Upper
 149 100
 91 67.1 61.2 91.8
 206 22.6 15.7 23.5

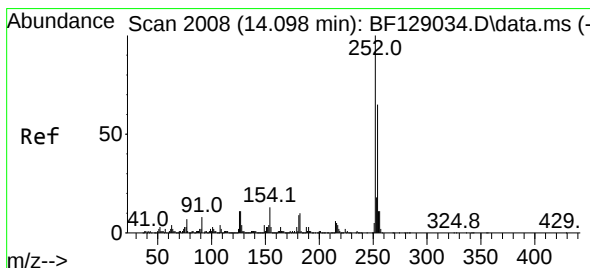
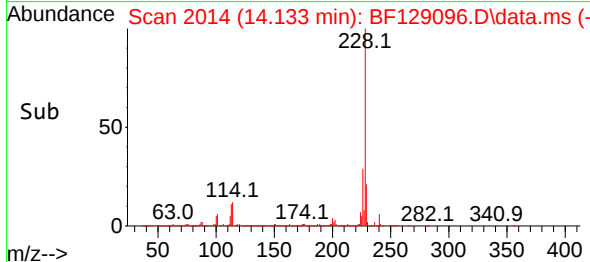
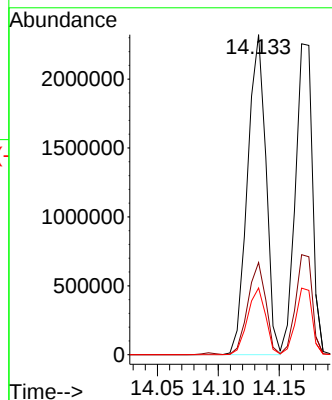
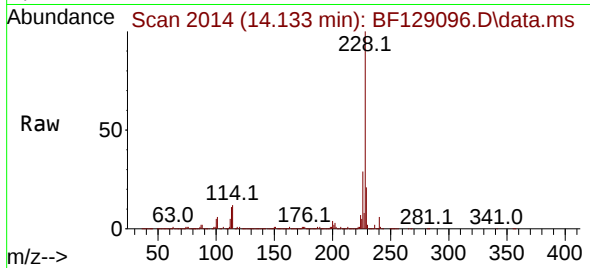




#81
Benzo(a)anthracene
Concen: 50.456 ng
RT: 14.133 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

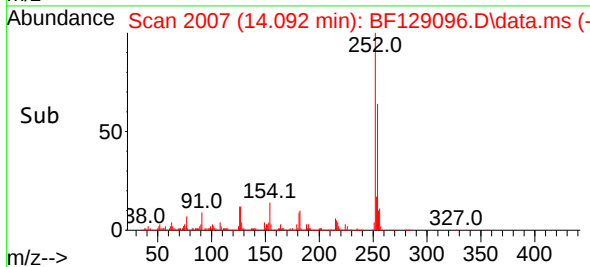
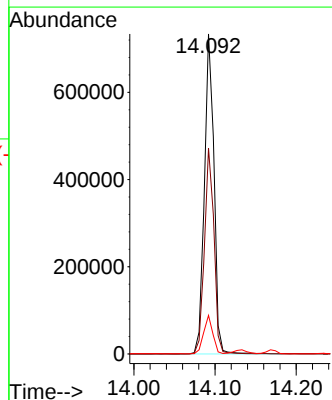
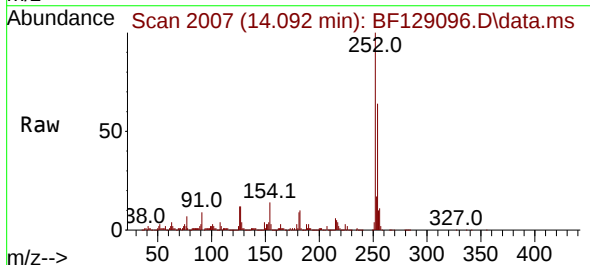
Instrument :
BNA_F
ClientSampleId :
S-4MSD

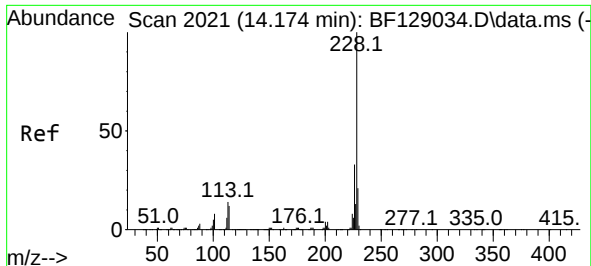
Tgt Ion:228 Resp: 2442337
Ion Ratio Lower Upper
228 100
226 28.8 22.1 33.1
229 20.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 57.371 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:252 Resp: 600056
Ion Ratio Lower Upper
252 100
254 64.3 50.2 75.4
126 12.1 8.2 12.4

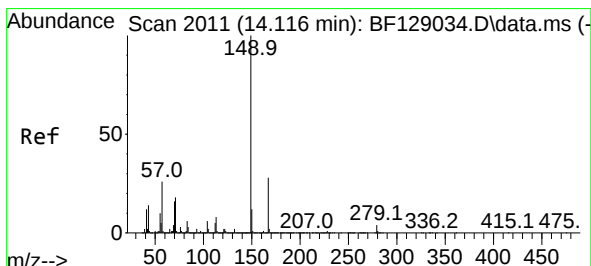
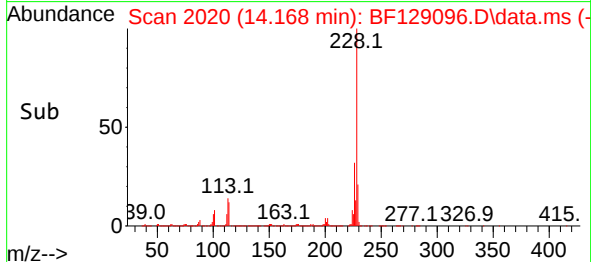
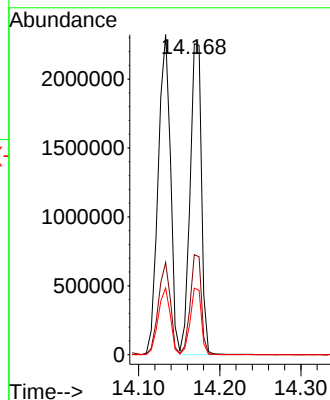
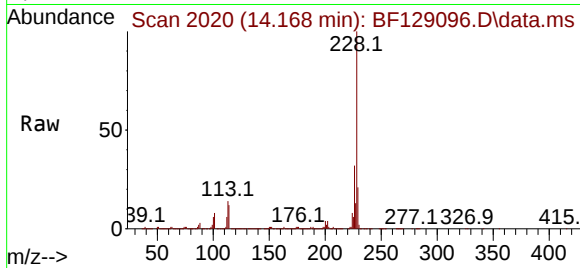




#83
Chrysene
Concen: 49.030 ng
RT: 14.168 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

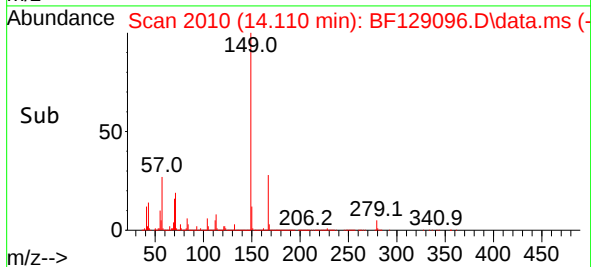
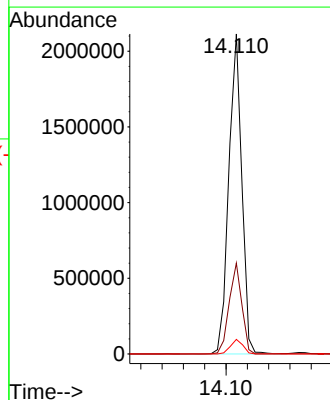
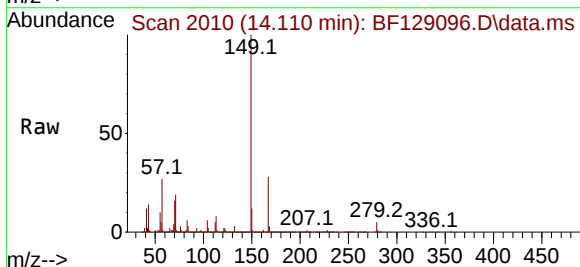
Instrument :
BNA_F
ClientSampleId :
S-4MSD

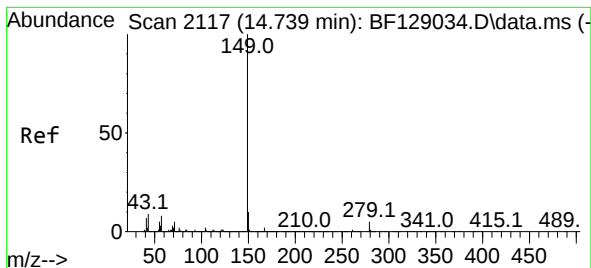
Tgt Ion:228 Resp: 2203315
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 21.4 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.733 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:149 Resp: 1777164
Ion Ratio Lower Upper
149 100
167 28.4 21.0 31.4
279 4.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 54.810 ng

RT: 14.727 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF129096.D

Acq: 01 Jul 2022 17:25

Instrument :

BNA_F

ClientSampleId :

S-4MSD

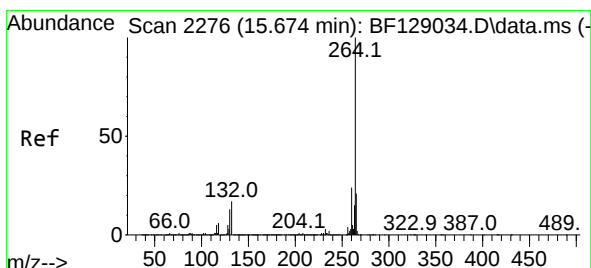
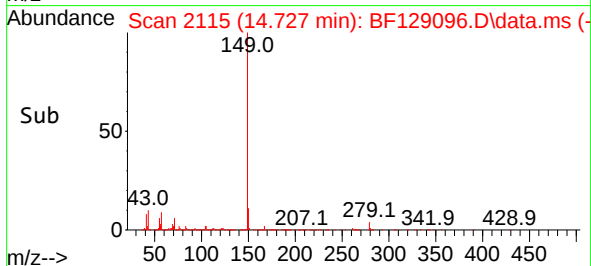
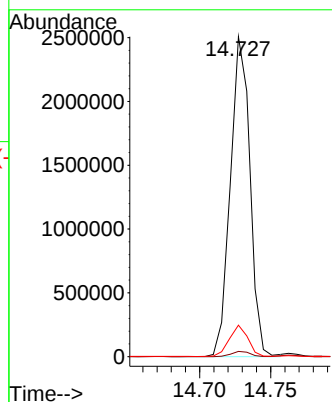
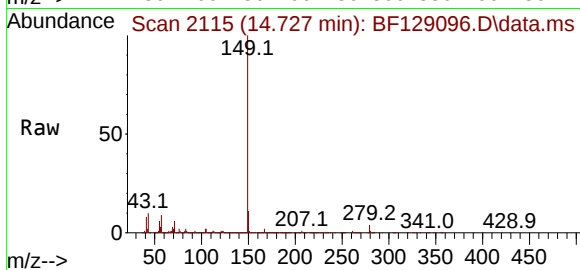
Tgt Ion:149 Resp: 2407222

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: BF129096.D

Acq: 01 Jul 2022 17:25

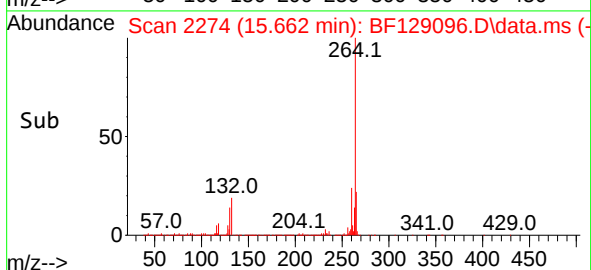
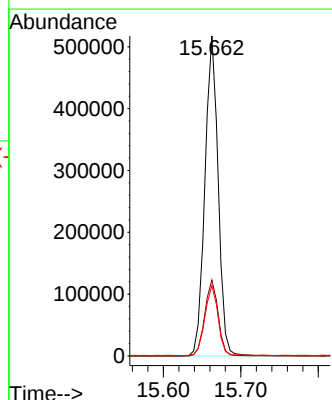
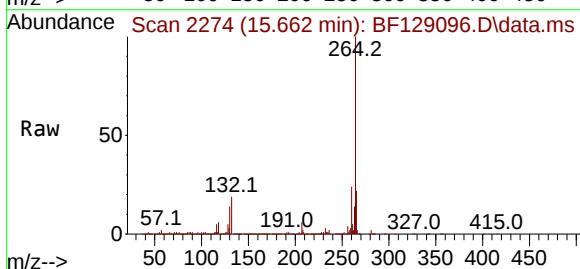
Tgt Ion:264 Resp: 613757

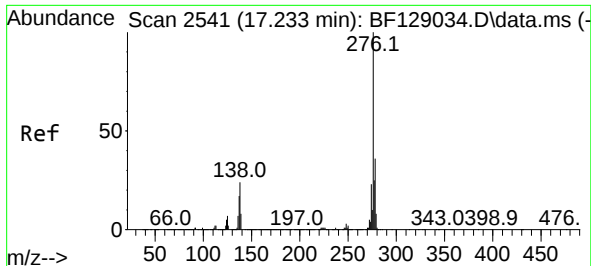
Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 22.0 17.2 25.8

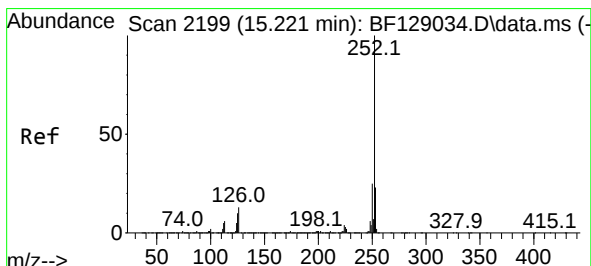
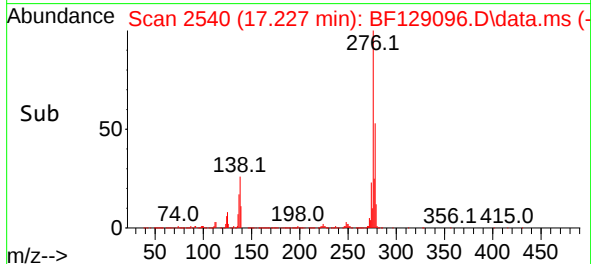
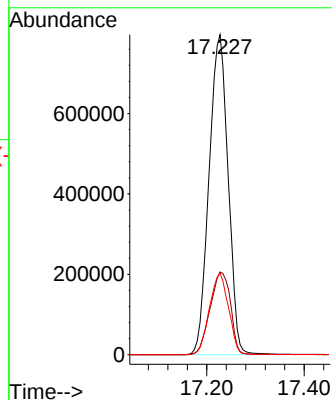
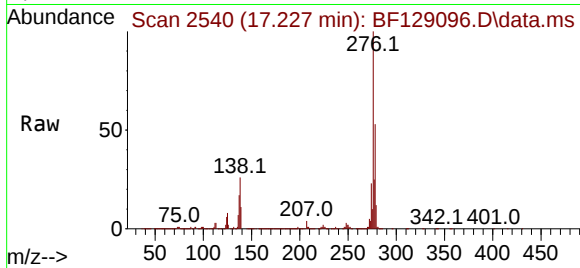




#87
Indeno(1,2,3-cd)pyrene
Concen: 57.328 ng
RT: 17.227 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

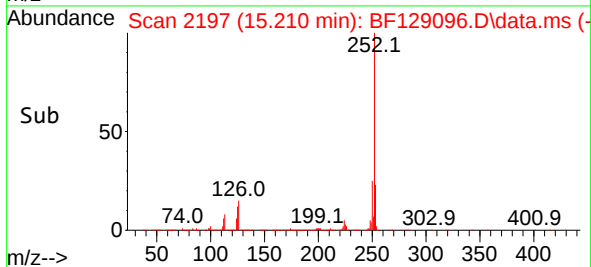
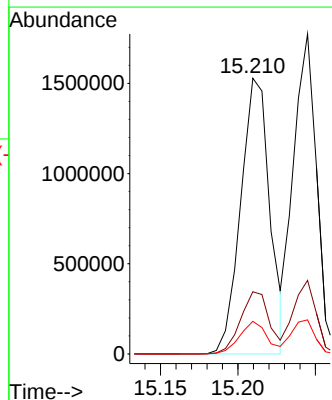
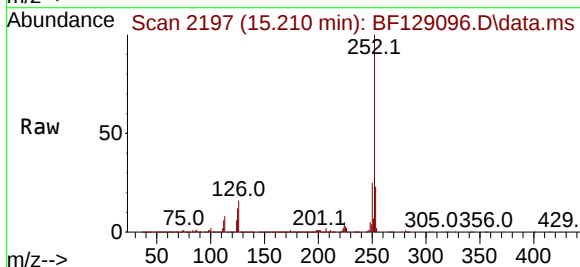
Instrument :
BNA_F
ClientSampleId :
S-4MSD

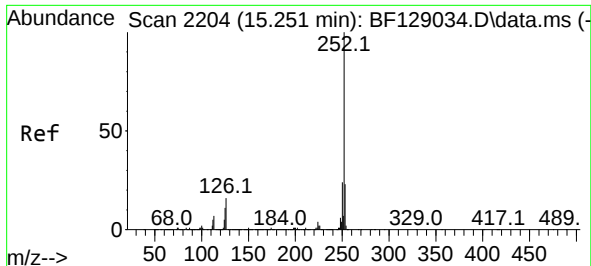
Tgt Ion:276 Resp: 2158021
Ion Ratio Lower Upper
276 100
138 27.6 21.1 31.7
277 25.5 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 54.174 ng
RT: 15.210 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:252 Resp: 1999628
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.9 8.0 12.0

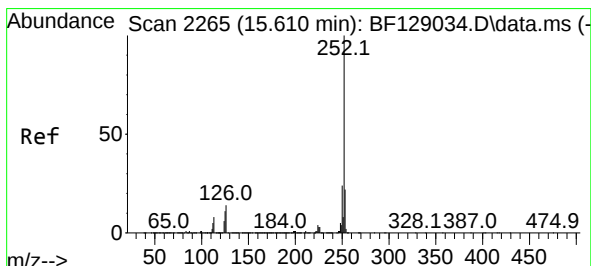
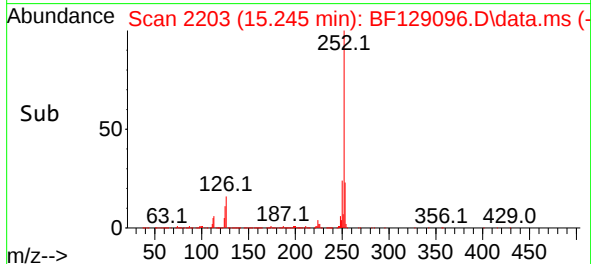
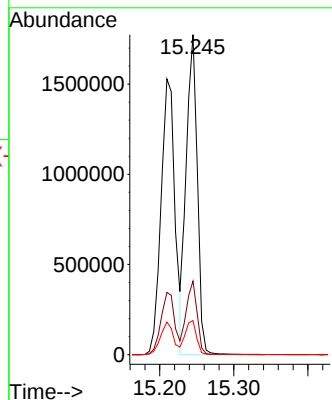
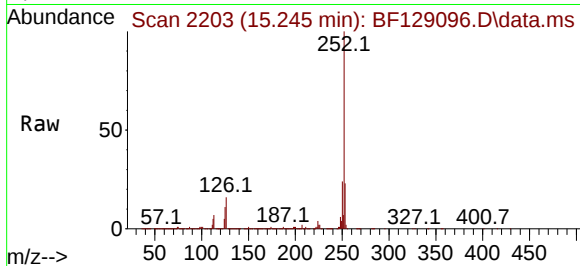




#89
Benzo(k)fluoranthene
Concen: 51.627 ng
RT: 15.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

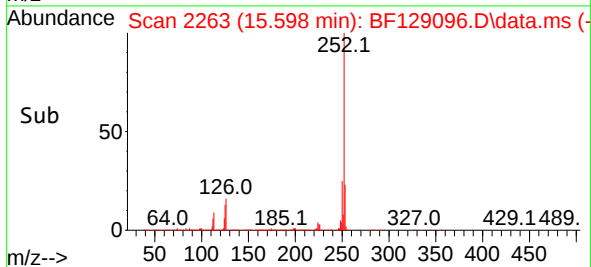
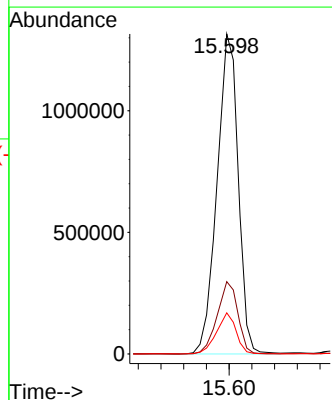
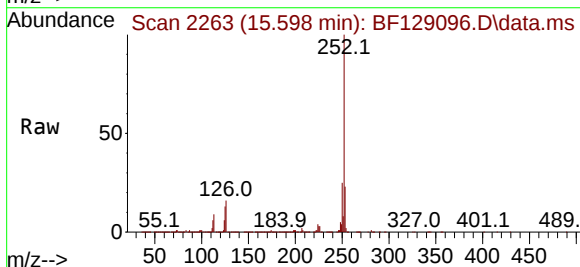
Instrument :
BNA_F
ClientSampleId :
S-4MSD

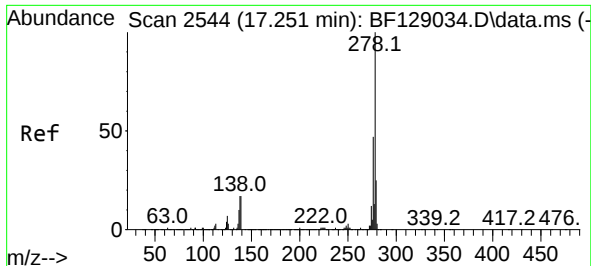
Tgt Ion:252 Resp: 1848286
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 10.7 8.3 12.5



#90
Benzo(a)pyrene
Concen: 56.627 ng
RT: 15.598 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:252 Resp: 1703919
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 12.9 8.8 13.2

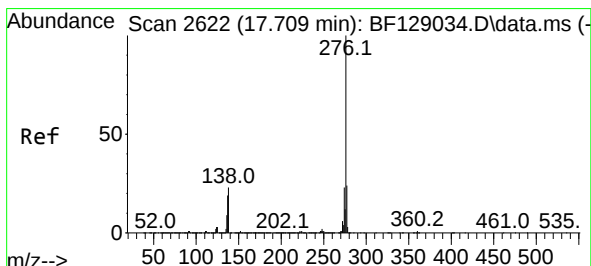
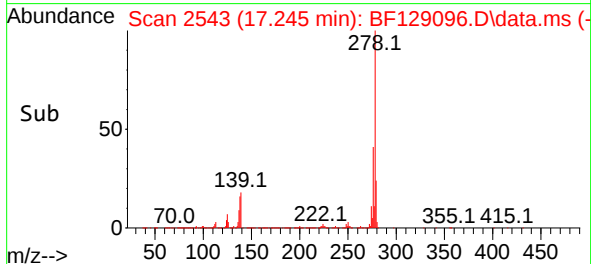
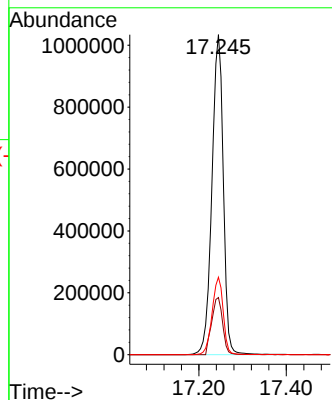
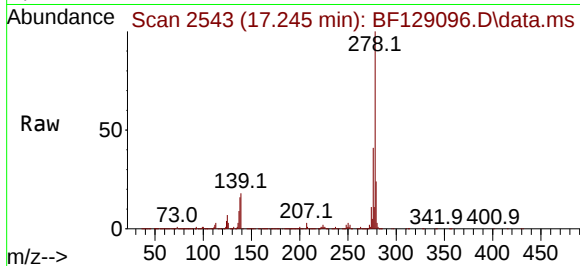




#91
Dibenzo(a,h)anthracene
Concen: 61.095 ng
RT: 17.245 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Instrument :
BNA_F
ClientSampleId :
S-4MSD

Tgt Ion:278 Resp: 1874787
Ion Ratio Lower Upper
278 100
139 17.8 12.8 19.2
279 24.2 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 61.689 ng
RT: 17.704 min Scan# 2621
Delta R.T. -0.006 min
Lab File: BF129096.D
Acq: 01 Jul 2022 17:25

Tgt Ion:276 Resp: 1899208
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 22.8 18.0 27.0

