

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129273.D
 Acq On : 18 Jul 2022 18:07
 Operator : CG\JU
 Sample : N3731-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Jul 19 02:08:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	247351	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	995140	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	511364	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	796082	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	437618	20.000	ng	0.00
86) Perylene-d12	15.568	264	514183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1836417	118.571	ng	0.03
7) Phenol-d6	6.540	99	2195953	109.625	ng	0.01
23) Nitrobenzene-d5	7.469	82	1661673	89.258	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	639644	134.766	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2758858	91.404	ng	0.00
79) Terphenyl-d14	13.021	244	2340747	100.060	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.875	88	300945	42.651	ng	# 76
3) Pyridine	3.616	79	671303	36.995	ng	90
4) n-Nitrosodimethylamine	3.546	42	413408	48.231	ng	# 91
6) Aniline	6.569	93	476630	20.253	ng	97
8) 2-Chlorophenol	6.692	128	861258	52.811	ng	96
9) Benzaldehyde	6.457	77	231051	18.795	ng	99
10) Phenol	6.551	94	885653	44.015	ng	95
11) bis(2-Chloroethyl)ether	6.639	93	861052	52.763	ng	94
12) 1,3-Dichlorobenzene	6.845	146	886697	51.127	ng	98
13) 1,4-Dichlorobenzene	6.922	146	891115	50.801	ng	99
14) 1,2-Dichlorobenzene	7.075	146	847861	51.856	ng	99
15) Benzyl Alcohol	7.045	79	737849	55.309	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1305549	50.207	ng	92
17) 2-Methylphenol	7.157	107	674236	49.184	ng	99
18) Hexachloroethane	7.416	117	341339	52.079	ng	94
19) n-Nitroso-di-n-propyla...	7.316	70	583902	49.558	ng	95
20) 3+4-Methylphenols	7.310	107	768070	45.587	ng	# 81
22) Acetophenone	7.316	105	1116697	48.626	ng	# 97
24) Nitrobenzene	7.487	77	909521	51.358	ng	97
25) Isophorone	7.728	82	1700597	54.352	ng	98
26) 2-Nitrophenol	7.804	139	465832	52.366	ng	90
27) 2,4-Dimethylphenol	7.839	122	776903	56.165	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	1053836	50.564	ng	99
29) 2,4-Dichlorophenol	8.045	162	692073	50.327	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	702880	49.259	ng	96
31) Naphthalene	8.210	128	2341441	49.661	ng	100
32) Benzoic acid	7.939	122	254529	23.692	ng	94
33) 4-Chloroaniline	8.251	127	219972	11.250	ng	98
34) Hexachlorobutadiene	8.316	225	407858	50.807	ng	98
35) Caprolactam	8.681	113	64810	14.188	ng	89
36) 4-Chloro-3-methylphenol	8.739	107	755635	50.371	ng	93
37) 2-Methylnaphthalene	8.898	142	1576070	51.287	ng	99
38) 1-Methylnaphthalene	8.998	142	1488712	50.093	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	651296	51.228	ng	# 97
41) Hexachlorocyclopentadiene	9.051	237	707390	110.567	ng	99
43) 2,4,6-Trichlorophenol	9.181	196	480951	51.373	ng	97

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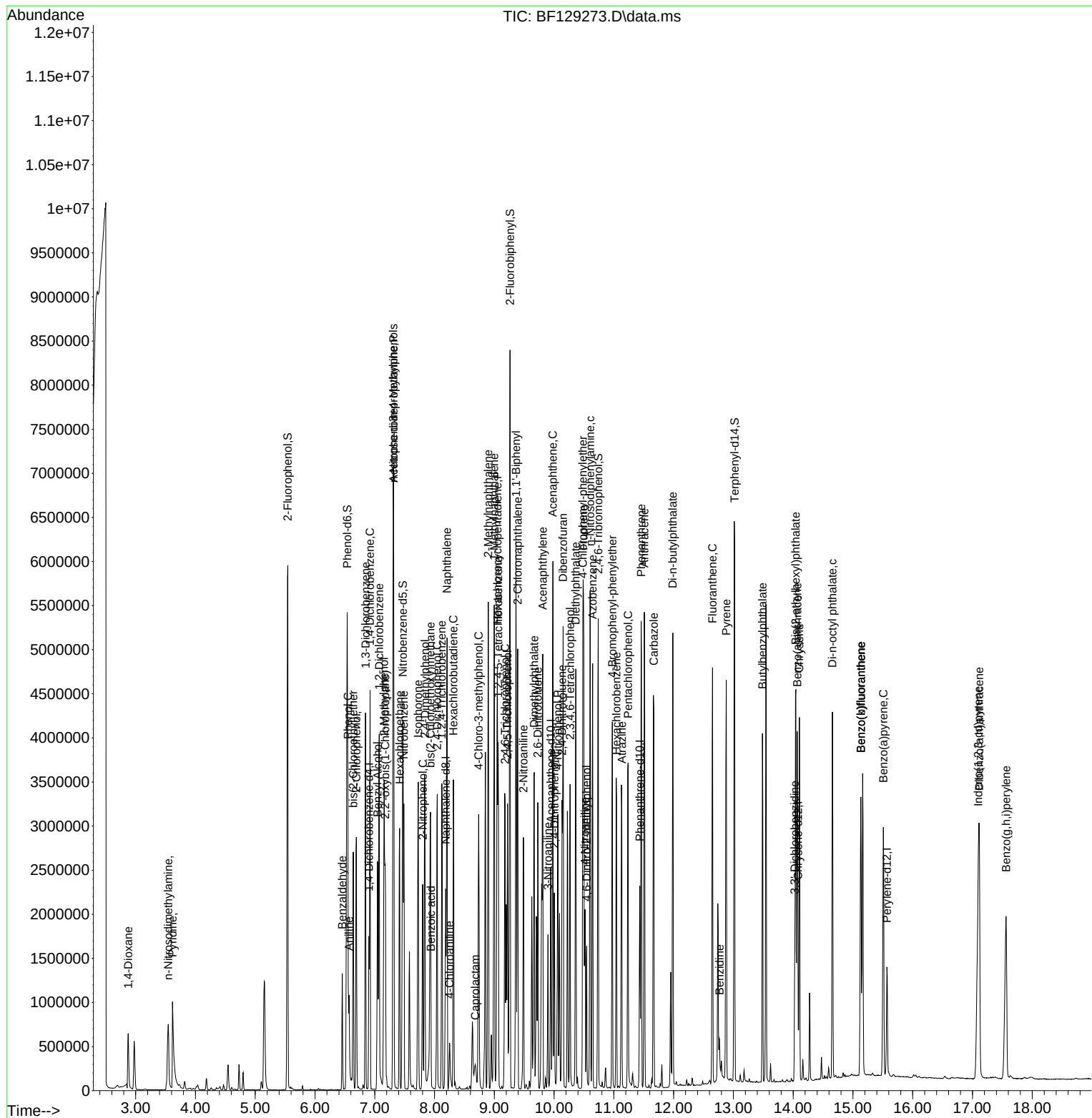
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	515668	52.073	ng	# 93
46) 1,1'-Biphenyl	9.363	154	1849549	51.137	ng	98
47) 2-Chloronaphthalene	9.392	162	1457831	51.173	ng	98
48) 2-Nitroaniline	9.486	65	490581	51.256	ng	94
49) Acenaphthylene	9.810	152	2221077	51.799	ng	100
50) Dimethylphthalate	9.669	163	1747199	52.652	ng	99
51) 2,6-Dinitrotoluene	9.728	165	392999	54.730	ng	92
52) Acenaphthene	9.980	154	1345035	47.989	ng	99
53) 3-Nitroaniline	9.898	138	248960	29.034	ng	# 90
54) 2,4-Dinitrophenol	10.004	184	266880	69.347	ng	96
55) Dibenzofuran	10.151	168	1967905	49.461	ng	94
56) 4-Nitrophenol	10.063	139	554807	81.749	ng	98
57) 2,4-Dinitrotoluene	10.133	165	509462	54.105	ng	99
58) Fluorene	10.492	166	1537349	50.802	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	378742	49.510	ng	91
60) Diethylphthalate	10.363	149	1656607	51.623	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	705145	50.301	ng	# 88
62) 4-Nitroaniline	10.516	138	393221	46.321	ng	95
63) Azobenzene	10.645	77	1671746	48.803	ng	96
65) 4,6-Dinitro-2-methylph...	10.545	198	202245	40.209	ng	89
66) n-Nitrosodiphenylamine	10.604	169	1359569	53.528	ng	96
67) 4-Bromophenyl-phenylether	10.975	248	454799	54.271	ng	95
68) Hexachlorobenzene	11.045	284	481977	54.792	ng	96
69) Atrazine	11.133	200	436366	61.971	ng	98
70) Pentachlorophenol	11.239	266	441201	84.347	ng	99
71) Phenanthrene	11.457	178	2050397	50.730	ng	100
72) Anthracene	11.510	178	2089039	52.032	ng	99
73) Carbazole	11.669	167	1881785	46.988	ng	99
74) Di-n-butylphthalate	11.986	149	2425730	52.707	ng	99
75) Fluoranthene	12.651	202	1871601	46.495	ng	98
77) Benzidine	12.769	184	143102	11.682	ng	98
78) Pyrene	12.880	202	1840218	51.917	ng	100
80) Butylbenzylphthalate	13.486	149	876012	55.487	ng	99
81) Benzo(a)anthracene	14.068	228	1462076	52.967	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	272694	39.492	ng	98
83) Chrysene	14.104	228	1351351	51.289	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1254434	59.714	ng	98
85) Di-n-octyl phthalate	14.657	149	1926712	63.945	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	1907155	59.483	ng	98
88) Benzo(b)fluoranthene	15.133	252	1576603	49.911	ng	98
89) Benzo(k)fluoranthene	15.133	252	1576603	51.086	ng	98
90) Benzo(a)pyrene	15.509	252	1455687	56.608	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	1619712	62.454	ng	97
92) Benzo(g,h,i)perylene	17.562	276	1650921	62.275	ng	97

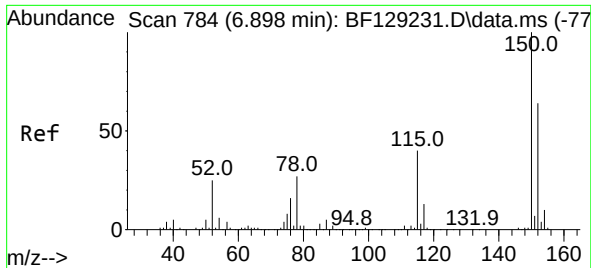
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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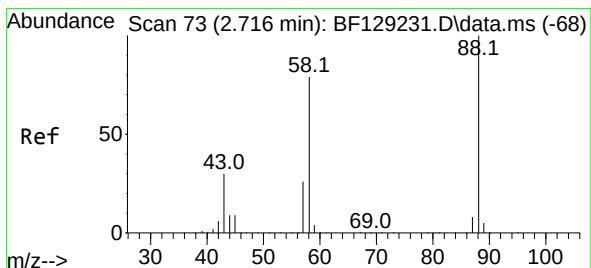
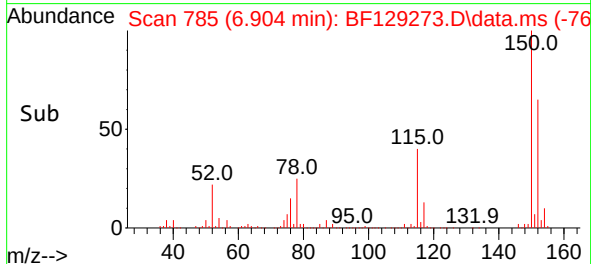
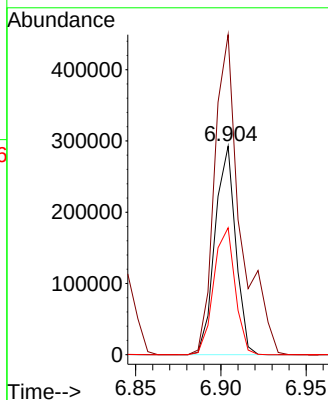
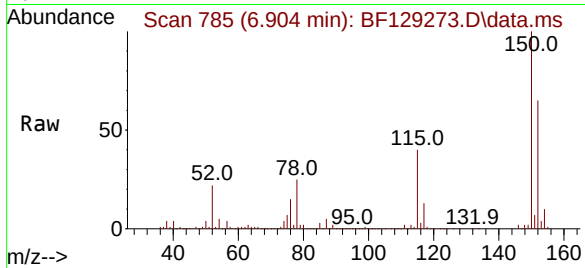




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BF129273.D
 Acq: 18 Jul 2022 18:07

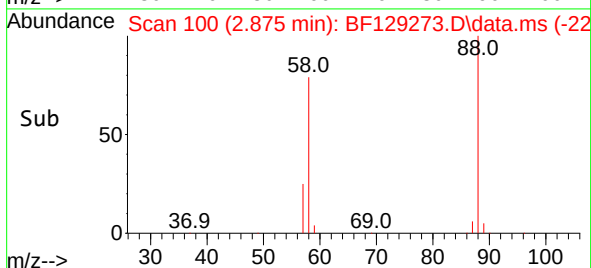
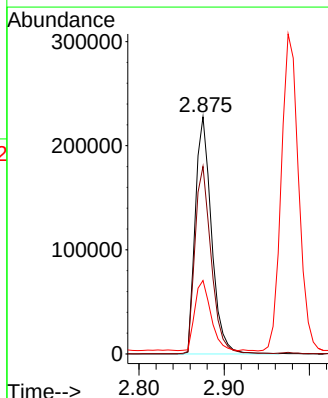
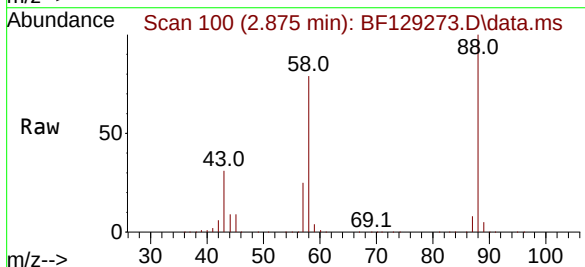
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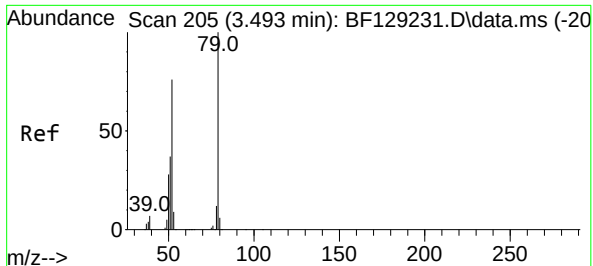
Tgt Ion:152 Resp: 247351
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.7 185.5
 115 60.8 49.9 74.9



#2
 1,4-Dioxane
 Concen: 42.651 ng
 RT: 2.875 min Scan# 100
 Delta R.T. 0.159 min
 Lab File: BF129273.D
 Acq: 18 Jul 2022 18:07

Tgt Ion: 88 Resp: 300945
 Ion Ratio Lower Upper
 88 100
 58 79.4 71.8 107.8
 43 0.0 26.6 39.8

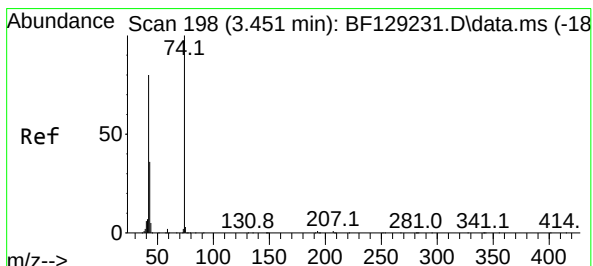
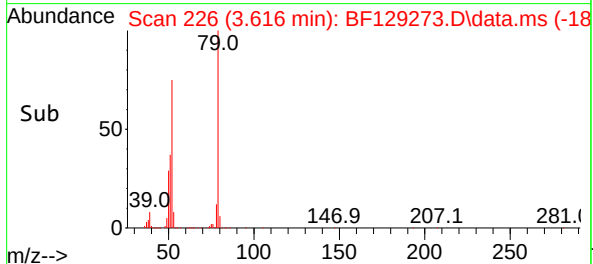
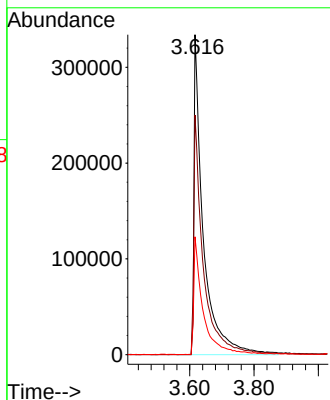
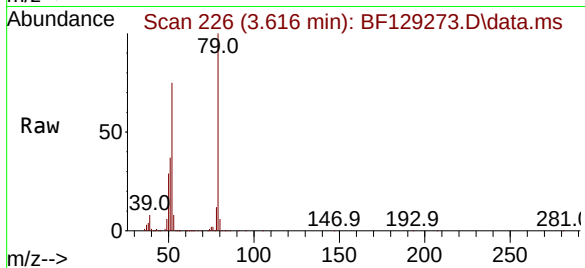




#3
 Pyridine
 Concen: 36.995 ng
 RT: 3.616 min Scan# 214
 Delta R.T. 0.123 min
 Lab File: BF129273.D
 Acq: 18 Jul 2022 18:07

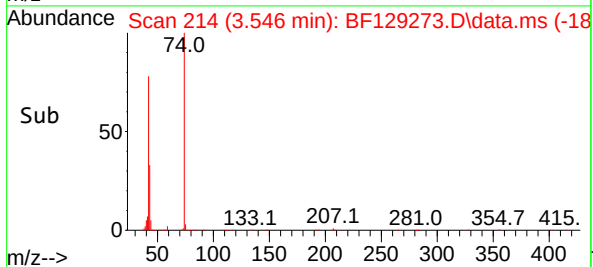
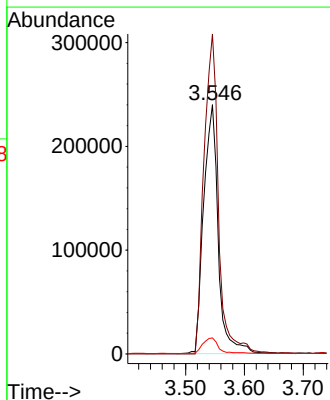
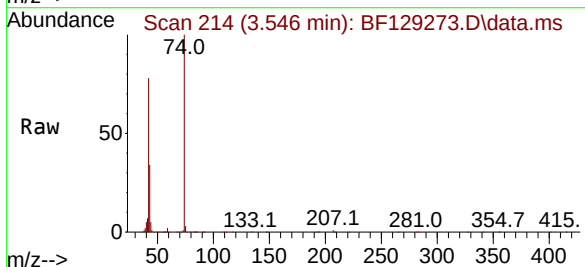
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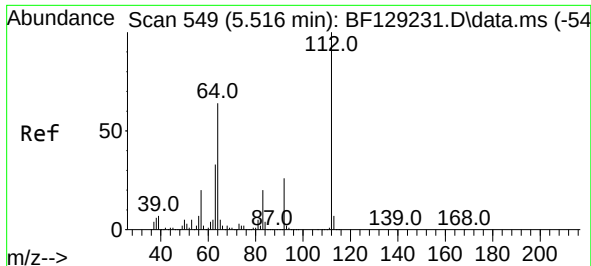
Tgt Ion: 79 Resp: 671303
 Ion Ratio Lower Upper
 79 100
 52 74.9 68.6 102.8
 51 36.8 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 48.231 ng
 RT: 3.546 min Scan# 214
 Delta R.T. 0.094 min
 Lab File: BF129273.D
 Acq: 18 Jul 2022 18:07

Tgt Ion: 42 Resp: 413408
 Ion Ratio Lower Upper
 42 100
 74 128.4 94.8 142.2
 44 6.4 6.6 10.0#

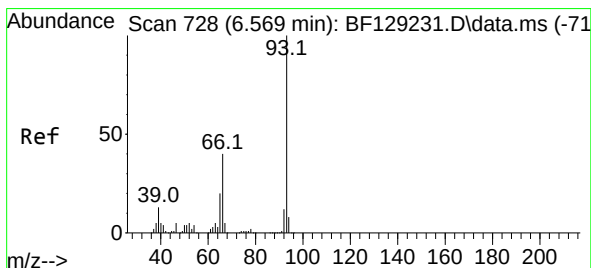
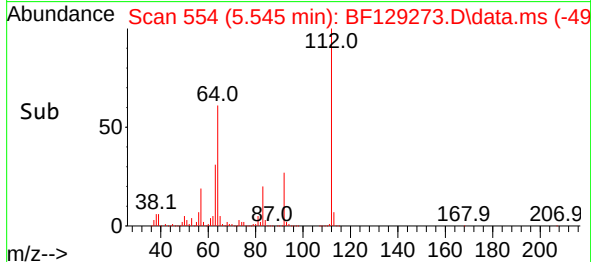
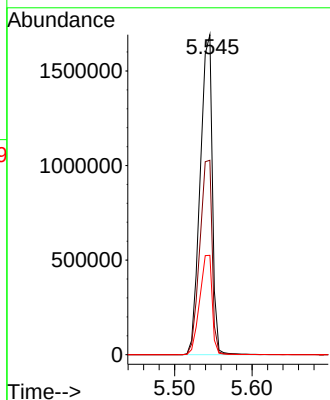
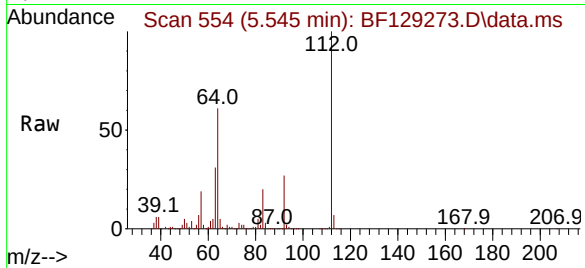




#5
2-Fluorophenol
Concen: 118.571 ng
RT: 5.545 min Scan# 511
Delta R.T. 0.029 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

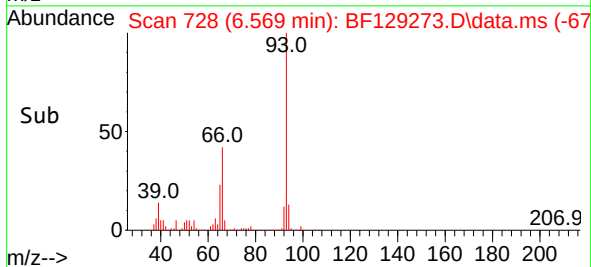
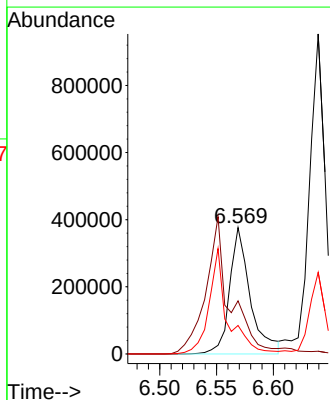
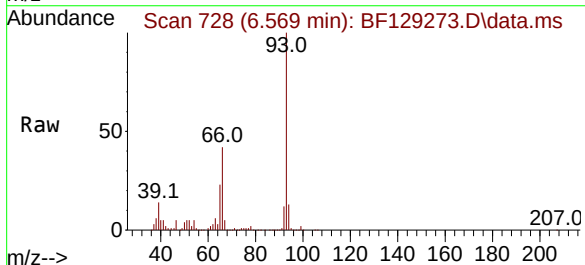
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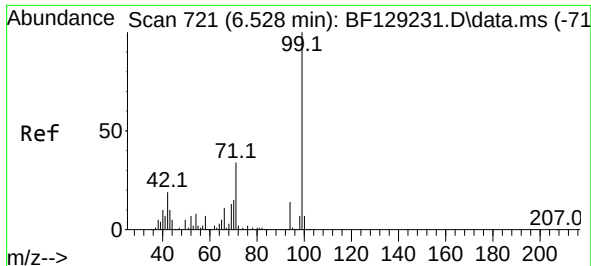
Tgt Ion:112 Resp: 1836417
Ion Ratio Lower Upper
112 100
64 60.8 53.3 79.9
63 31.1 28.0 42.0



#6
Aniline
Concen: 20.253 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion: 93 Resp: 476630
Ion Ratio Lower Upper
93 100
66 42.0 32.5 48.7
65 22.6 16.4 24.6

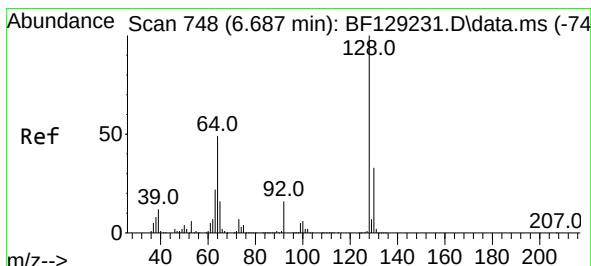
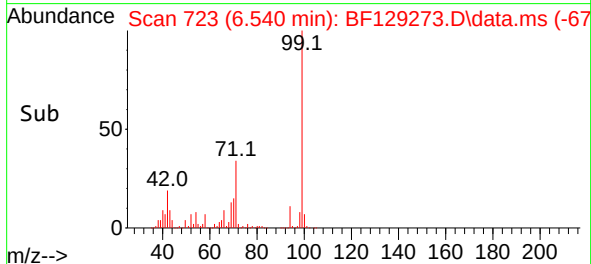
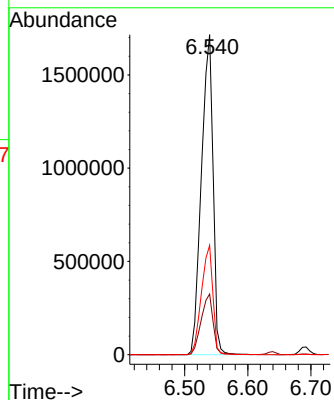
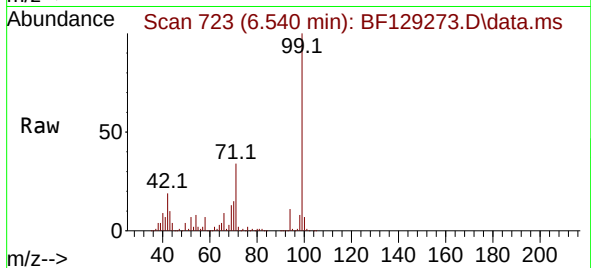




#7
Phenol-d6
Concen: 109.625 ng
RT: 6.540 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

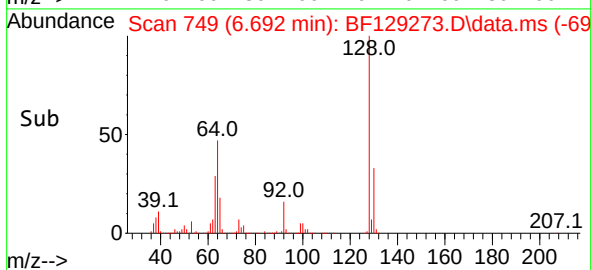
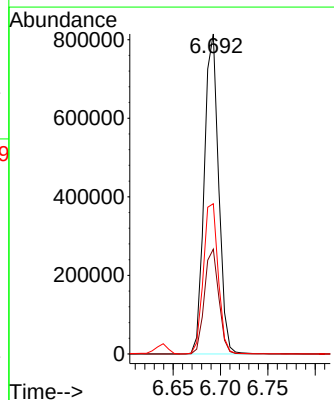
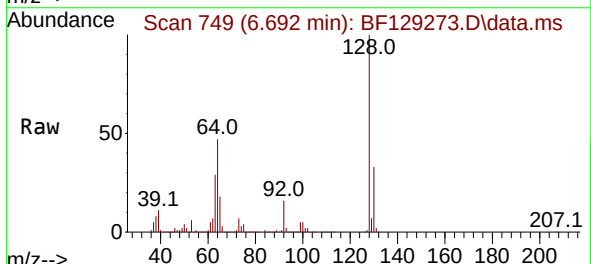
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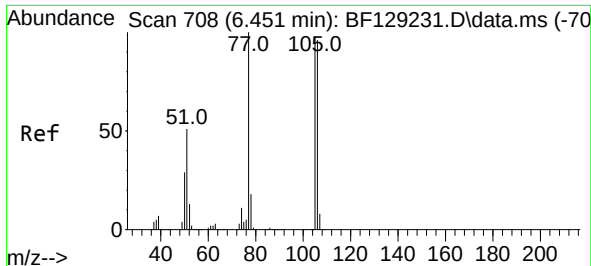
Tgt Ion: 99 Resp: 2195953
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 34.1 28.9 43.3



#8
2-Chlorophenol
Concen: 52.811 ng
RT: 6.692 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:128 Resp: 861258
Ion Ratio Lower Upper
128 100
130 32.7 13.1 53.1
64 47.0 30.9 70.9

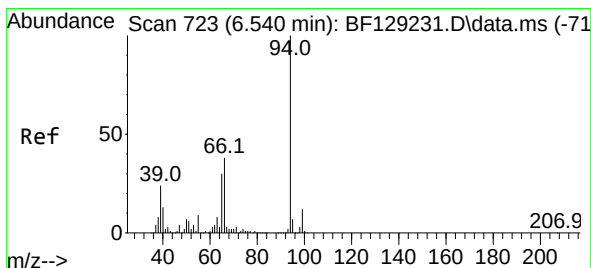
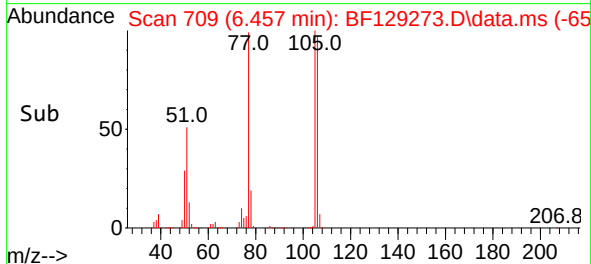
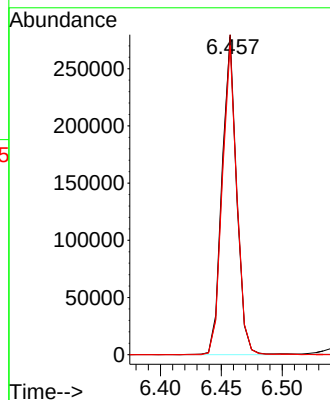
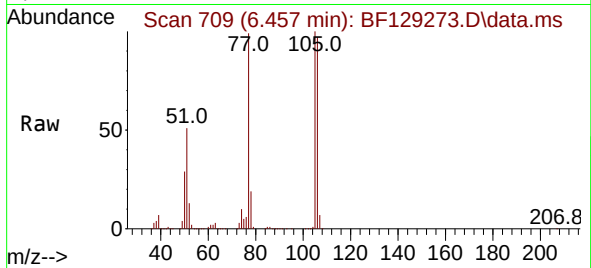




#9
Benzaldehyde
Concen: 18.795 ng
RT: 6.457 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF129273.D
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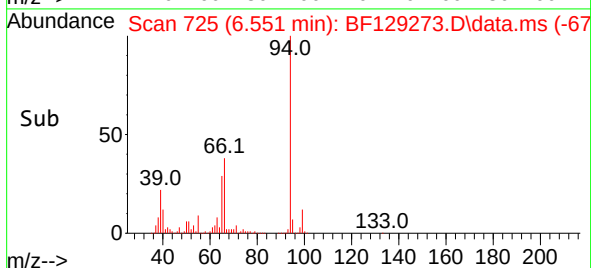
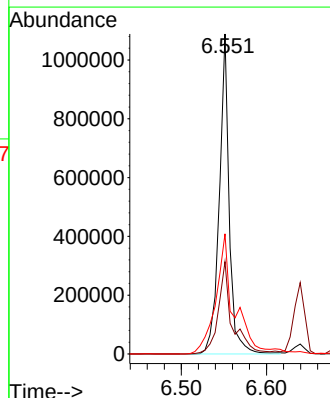
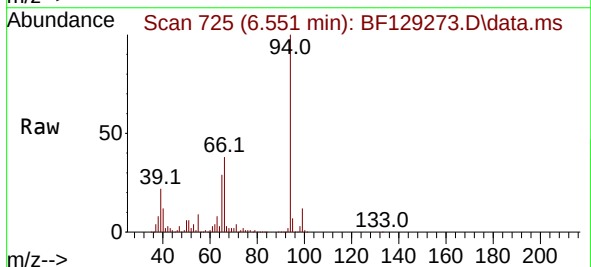
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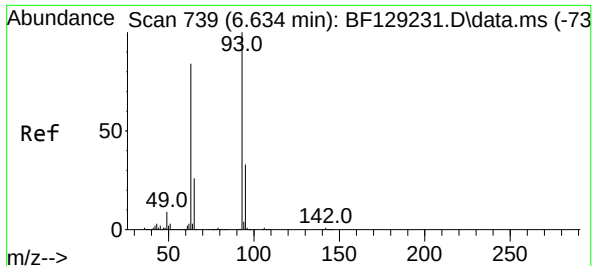
Tgt Ion: 77 Resp: 231051
Ion Ratio Lower Upper
77 100
105 100.6 81.6 121.6
106 97.3 76.1 116.1



#10
Phenol
Concen: 44.015 ng
RT: 6.551 min Scan# 725
Delta R.T. 0.012 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion: 94 Resp: 885653
Ion Ratio Lower Upper
94 100
65 28.9 11.4 51.4
66 37.6 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 52.763 ng

RT: 6.639 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

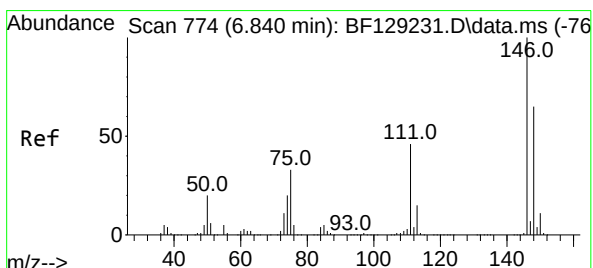
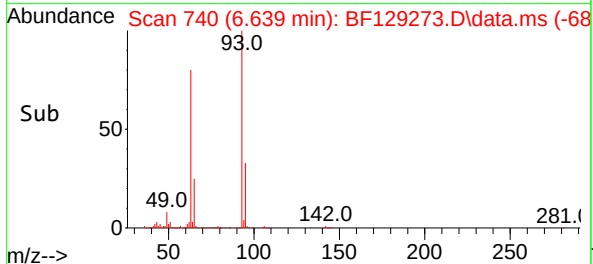
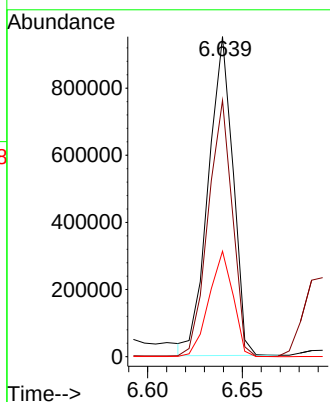
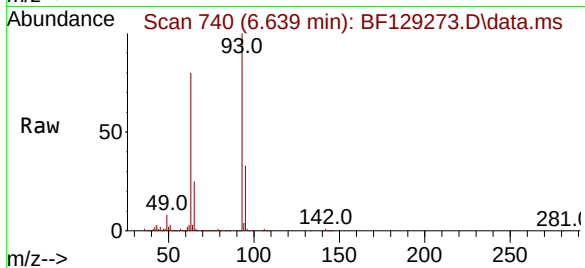
Tgt Ion: 93 Resp: 861052

Ion Ratio Lower Upper

93 100

63 80.1 67.4 107.4

95 33.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 51.127 ng

RT: 6.845 min Scan# 775

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

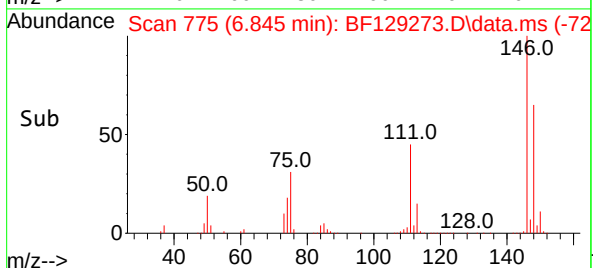
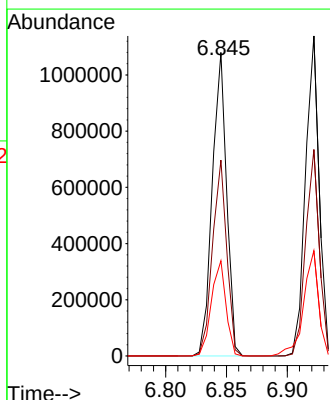
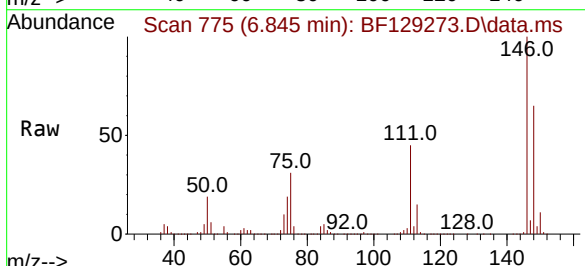
Tgt Ion:146 Resp: 886697

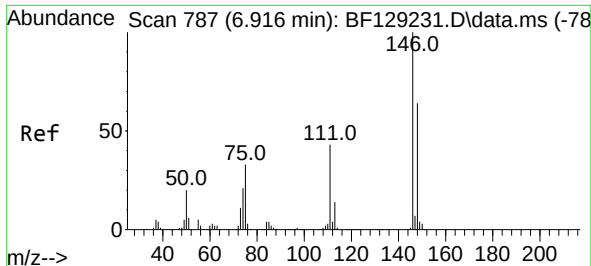
Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

75 31.4 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 50.801 ng

RT: 6.922 min Scan# 787

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

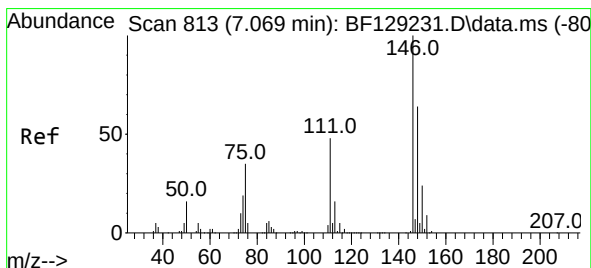
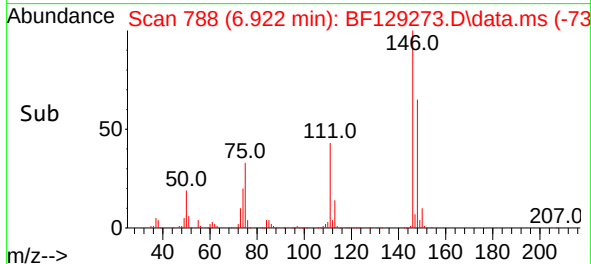
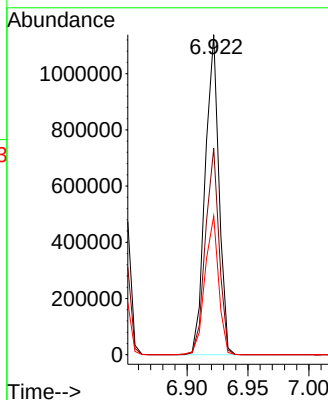
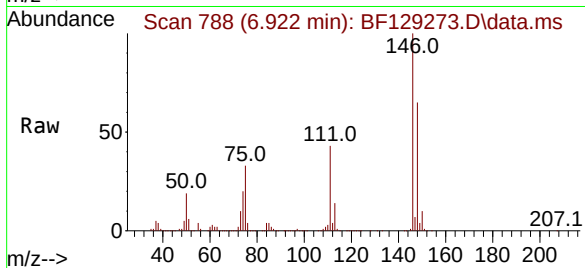
Tgt Ion:146 Resp: 891115

Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

111 43.4 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 51.856 ng

RT: 7.075 min Scan# 814

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

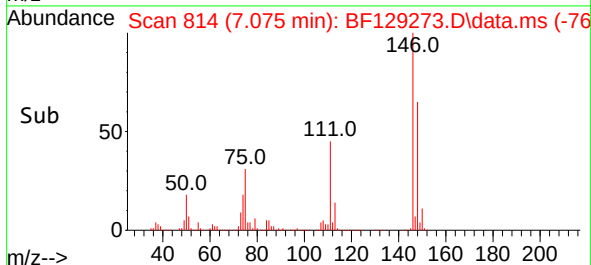
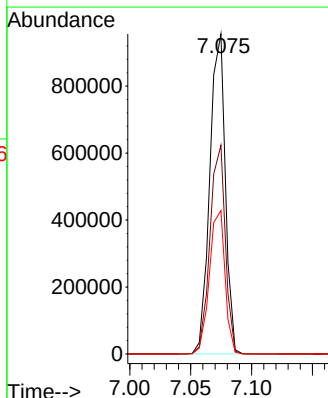
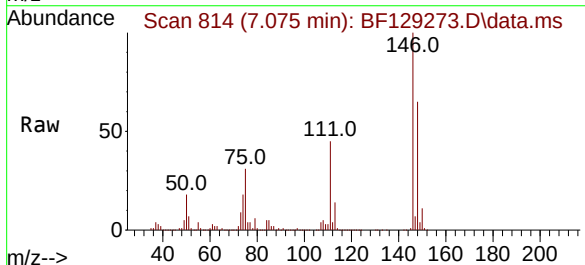
Tgt Ion:146 Resp: 847861

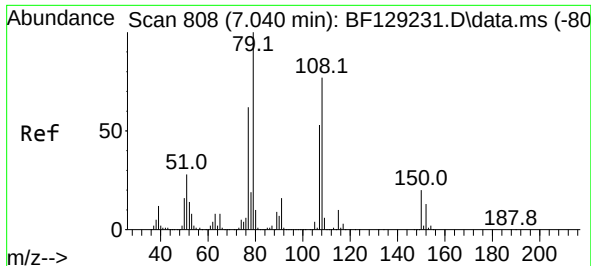
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.8

111 44.8 35.1 52.7

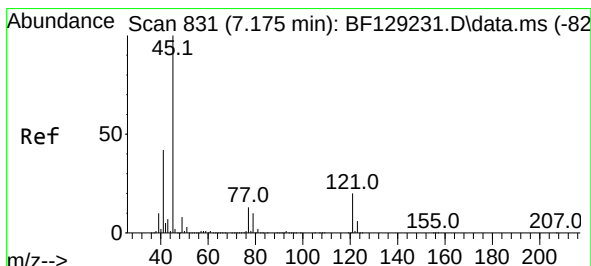
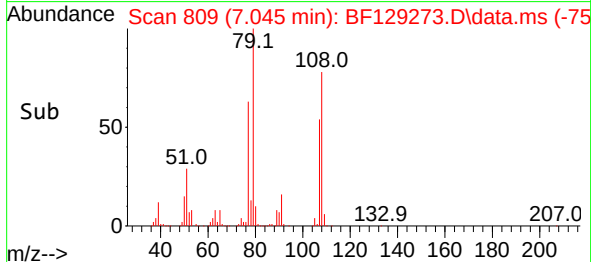
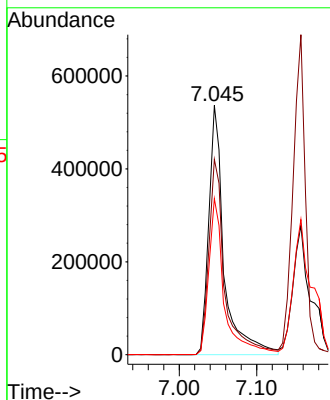
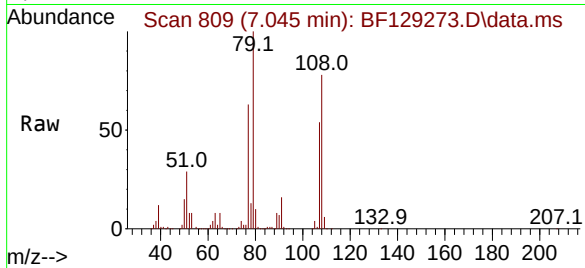




#15
Benzyl Alcohol
Concen: 55.309 ng
RT: 7.045 min Scan# 808
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

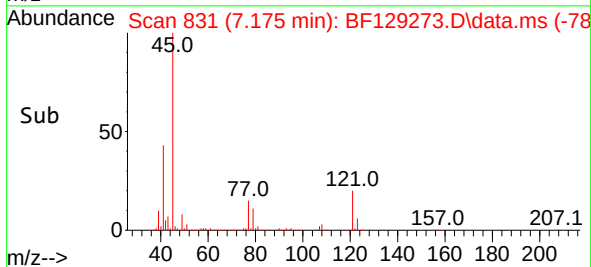
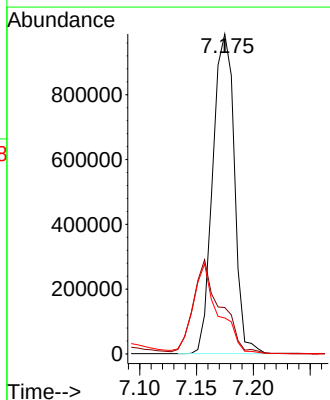
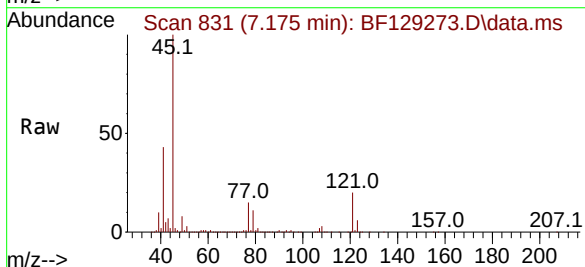
Instrument :
BNA_F
ClientSampleId :
TP-1MS

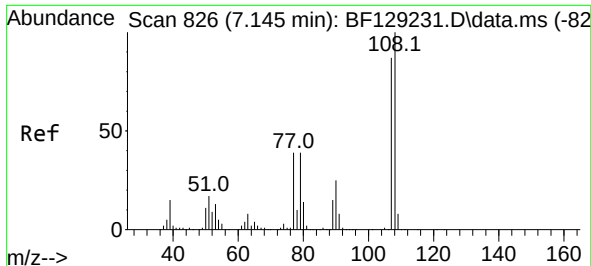
Tgt Ion: 79 Resp: 737849
Ion Ratio Lower Upper
79 100
108 78.4 61.8 92.6
77 62.6 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.207 ng
RT: 7.175 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion: 45 Resp: 1305549
Ion Ratio Lower Upper
45 100
77 14.5 0.0 31.3
79 11.2 0.0 28.3

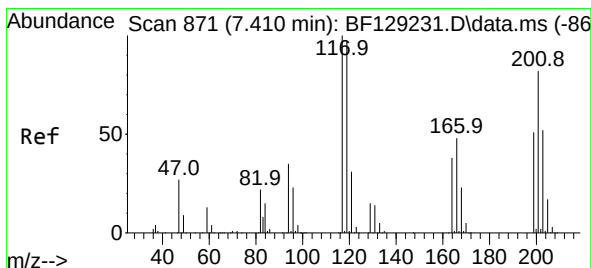
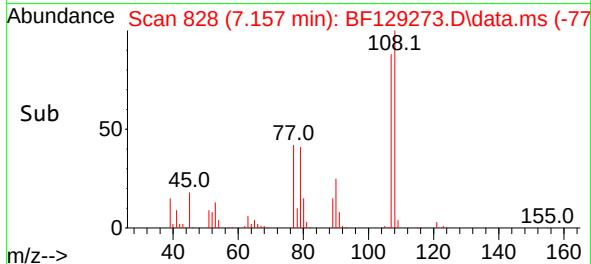
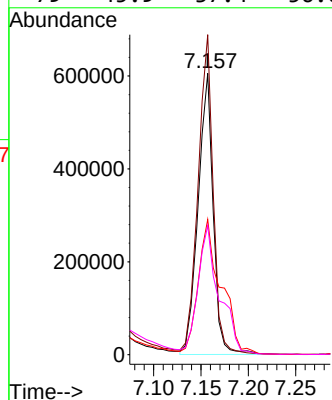
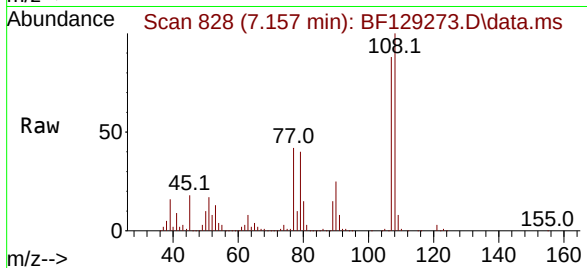




#17
2-Methylphenol
Concen: 49.184 ng
RT: 7.157 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

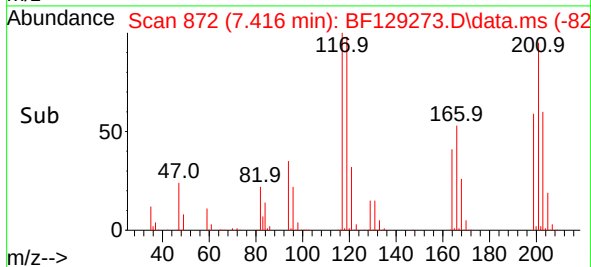
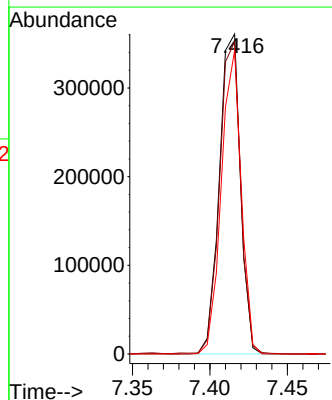
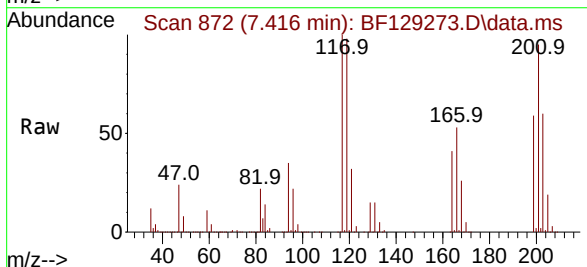
Instrument :
BNA_F
ClientSampleId :
TP-1MS

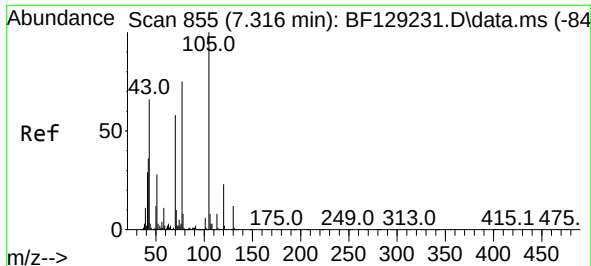
Tgt Ion:	107	Resp:	674236
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.9	137.9
77	48.0	37.8	56.8
79	45.9	37.4	56.0



#18
Hexachloroethane
Concen: 52.079 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:	117	Resp:	341339
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.4	116.2
201	94.9	84.6	127.0

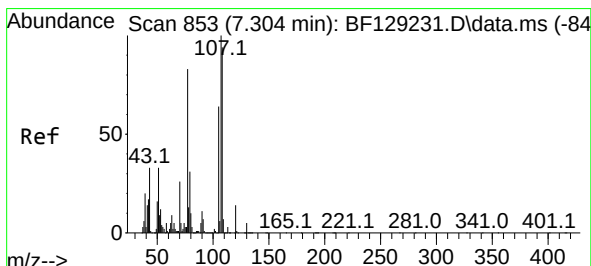
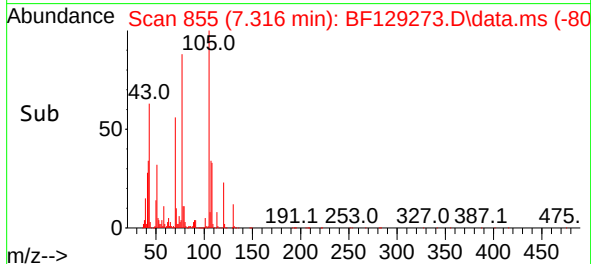
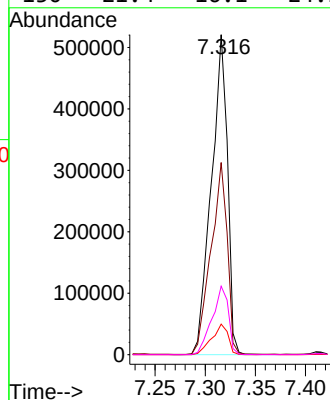
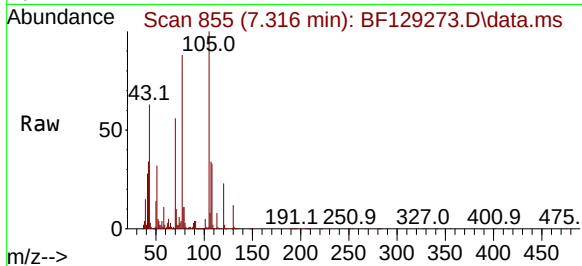




#19
n-Nitroso-di-n-propylamine
Concen: 49.558 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

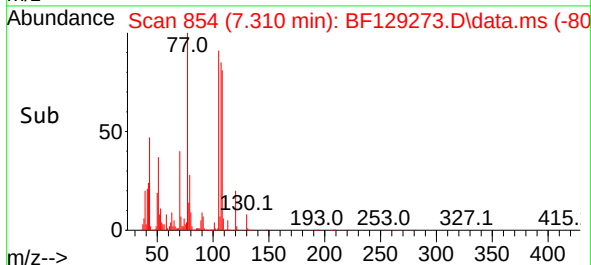
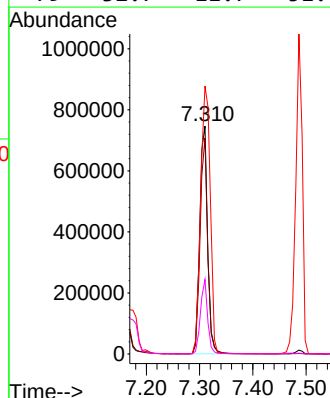
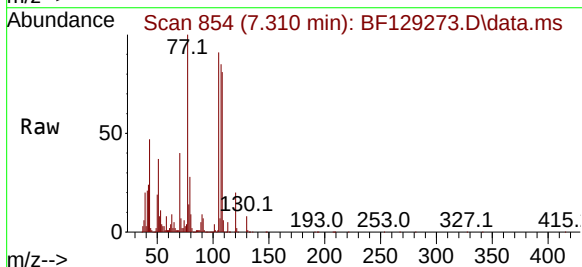
Instrument :
BNA_F
ClientSampleId :
TP-1MS

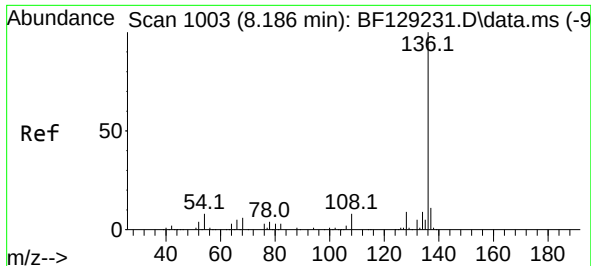
Tgt Ion:	70	Resp:	583902
Ion	Ratio	Lower	Upper
70	100		
42	60.1	52.3	78.5
101	9.5	7.5	11.3
130	21.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 45.587 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:	107	Resp:	768070
Ion	Ratio	Lower	Upper
107	100		
108	94.8	71.8	111.8
77	117.6	59.3	99.3#
79	32.7	11.7	51.7

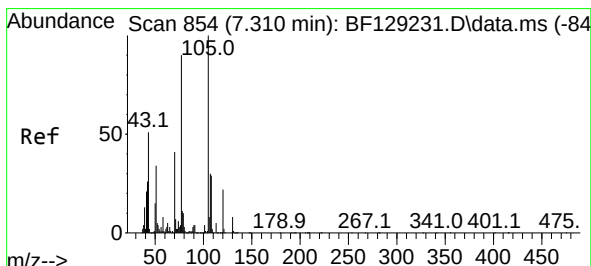
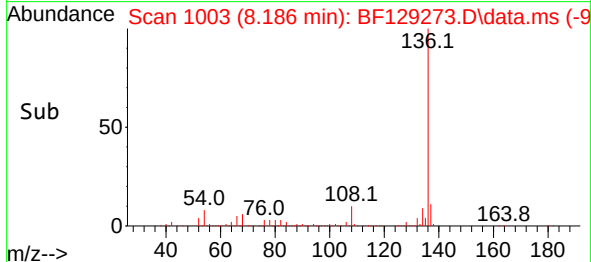
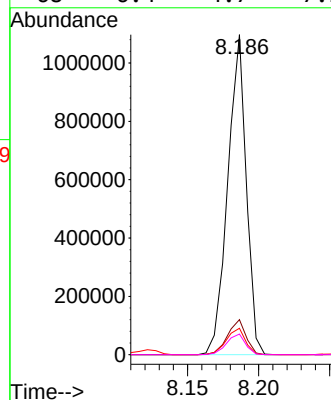
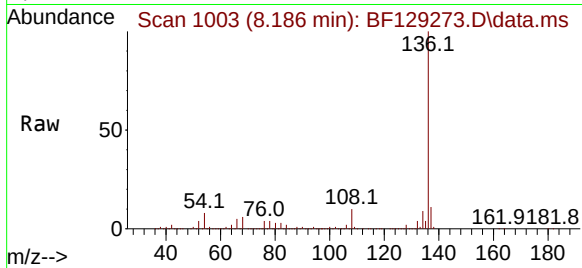




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

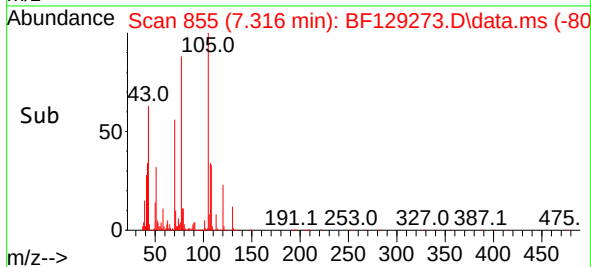
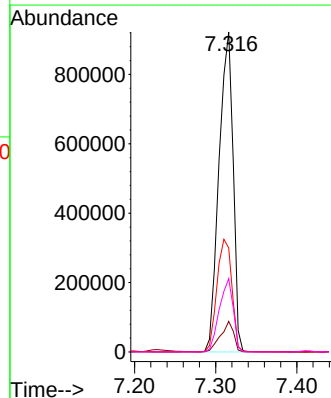
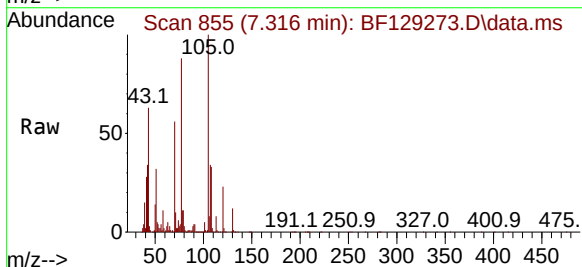
Instrument :
BNA_F
ClientSampleId :
TP-1MS

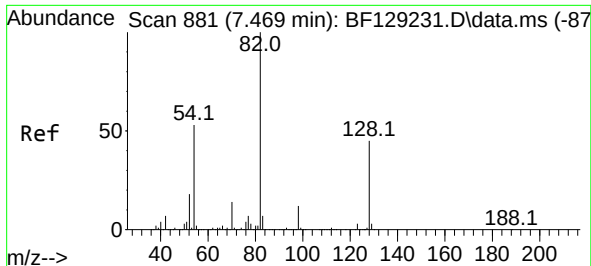
Tgt Ion:136 Resp: 995140
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 7.5 11.3
68 6.4 4.7 7.1



#22
Acetophenone
Concen: 48.626 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:105 Resp: 1116697
Ion Ratio Lower Upper
105 100
71 9.6 5.0 7.4#
51 32.5 25.0 37.4
120 22.9 17.8 26.8





#23

Nitrobenzene-d5

Concen: 89.258 ng

RT: 7.469 min Scan# 881

Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

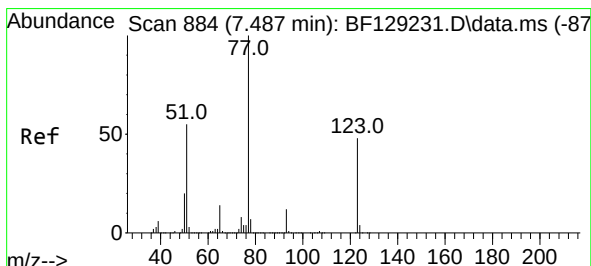
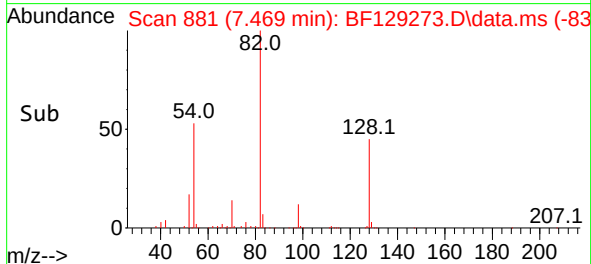
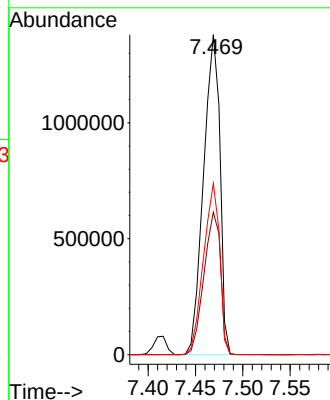
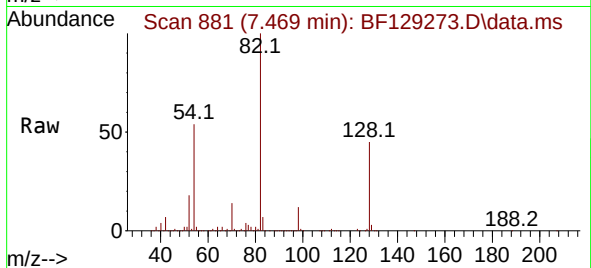
Tgt Ion: 82 Resp: 1661673

Ion Ratio Lower Upper

82 100

128 44.6 34.0 51.0

54 53.5 46.9 70.3



#24

Nitrobenzene

Concen: 51.358 ng

RT: 7.487 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

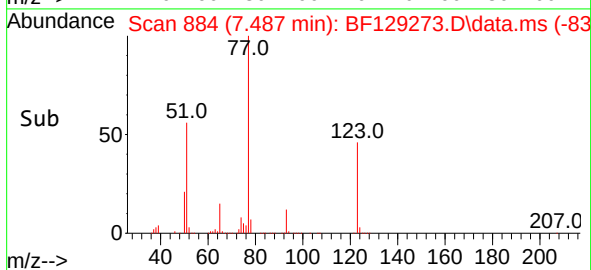
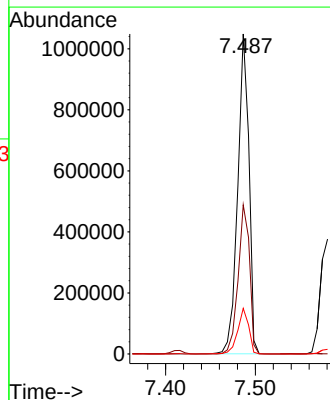
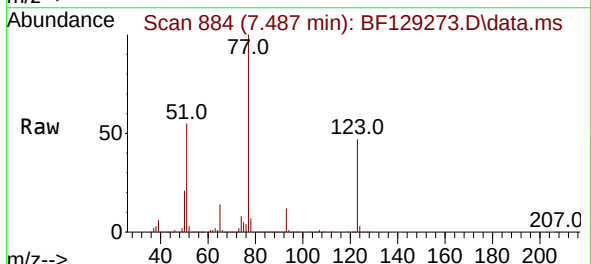
Tgt Ion: 77 Resp: 909521

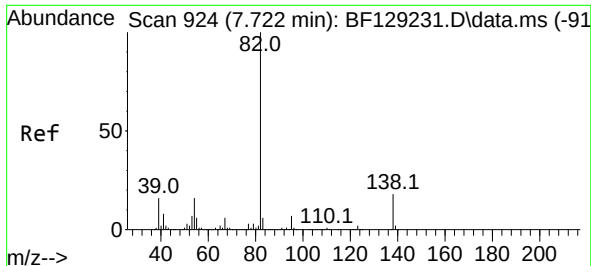
Ion Ratio Lower Upper

77 100

123 46.6 35.4 53.2

65 14.2 11.8 17.8

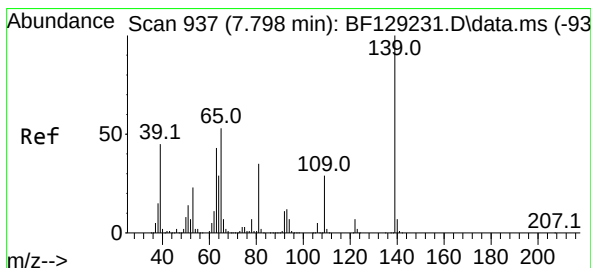
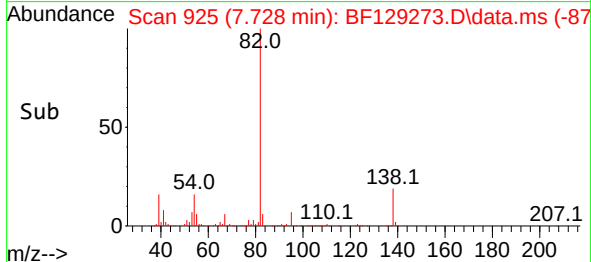
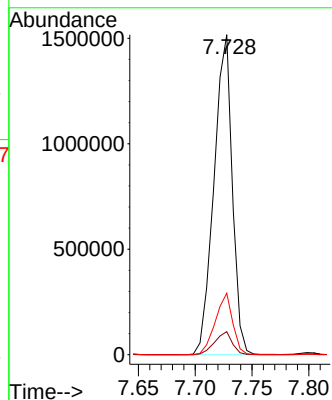
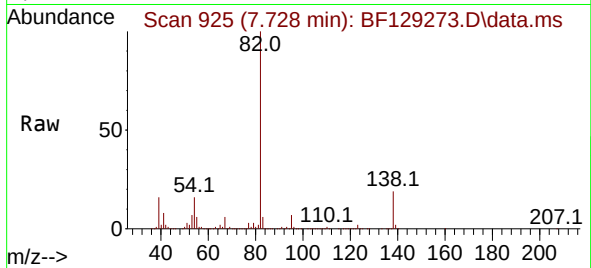




#25
Isophorone
Concen: 54.352 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

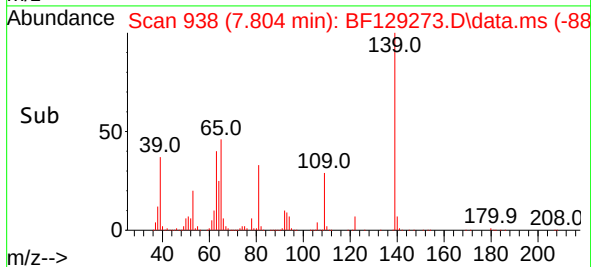
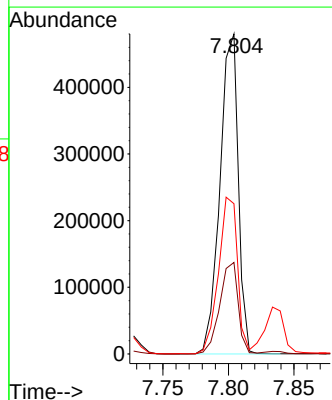
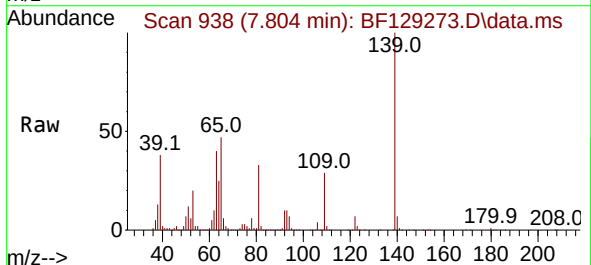
Instrument :
BNA_F
ClientSampleId :
TP-1MS

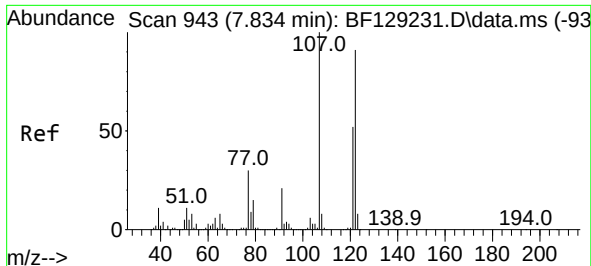
Tgt Ion: 82 Resp: 1700597
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.2 14.2 21.2



#26
2-Nitrophenol
Concen: 52.366 ng
RT: 7.804 min Scan# 938
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion: 139 Resp: 465832
Ion Ratio Lower Upper
139 100
109 28.6 25.0 37.4
65 46.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 56.165 ng

RT: 7.839 min Scan# 943

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

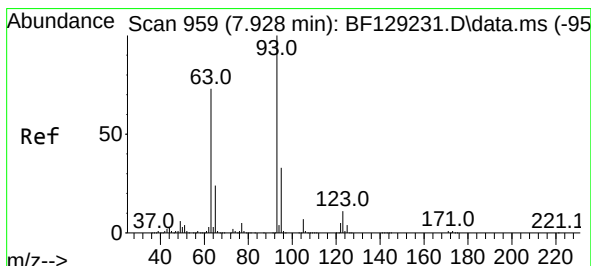
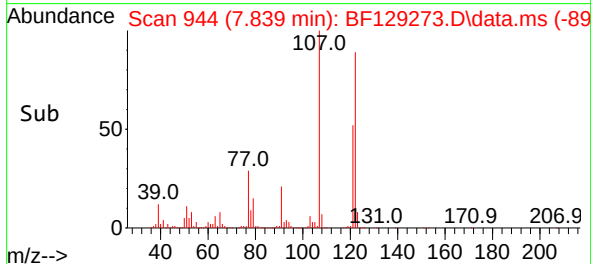
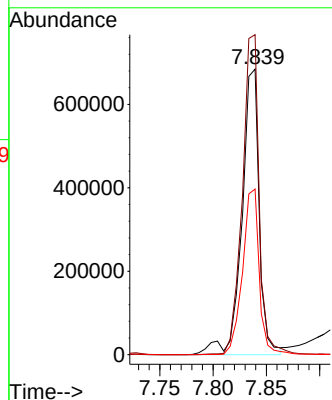
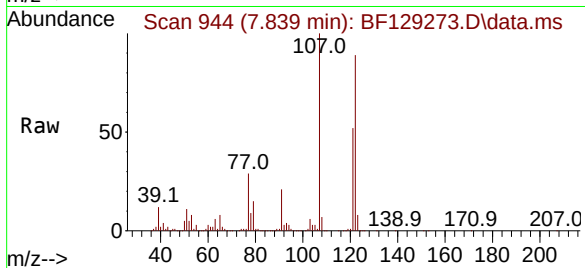
Tgt Ion:122 Resp: 776903

Ion Ratio Lower Upper

122 100

107 112.1 93.0 139.6

121 58.0 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 50.564 ng

RT: 7.934 min Scan# 960

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

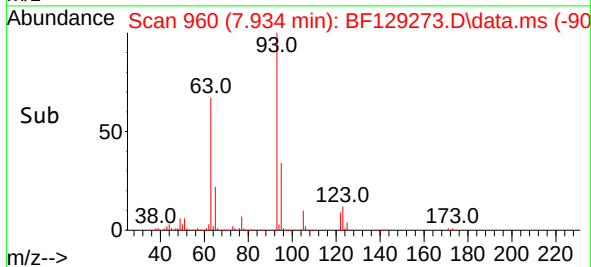
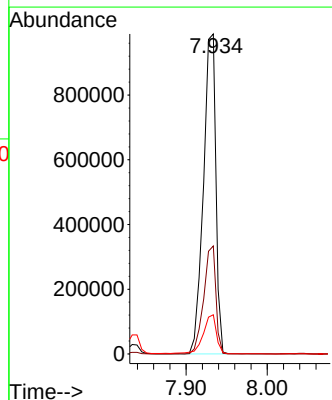
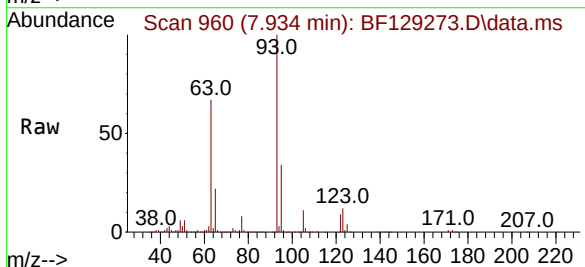
Tgt Ion: 93 Resp: 1053836

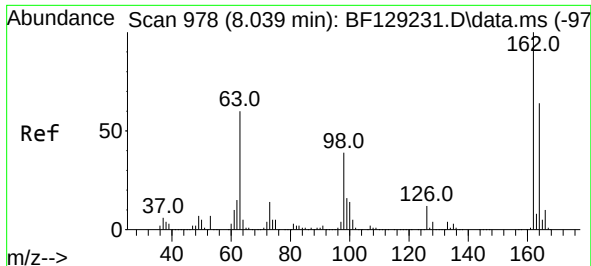
Ion Ratio Lower Upper

93 100

95 33.7 26.8 40.2

123 12.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 50.327 ng

RT: 8.045 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

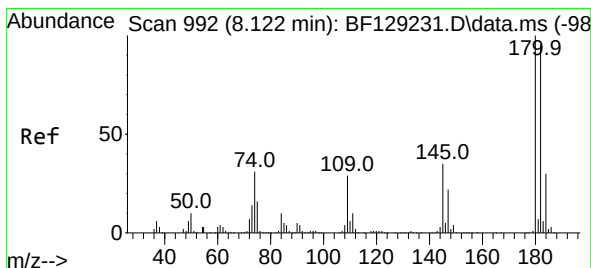
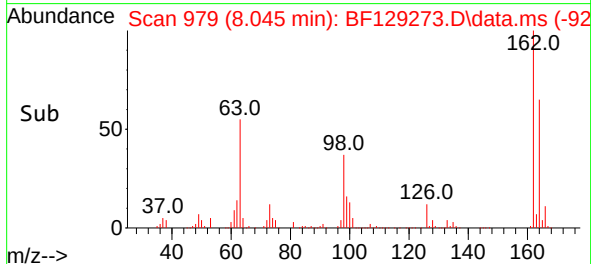
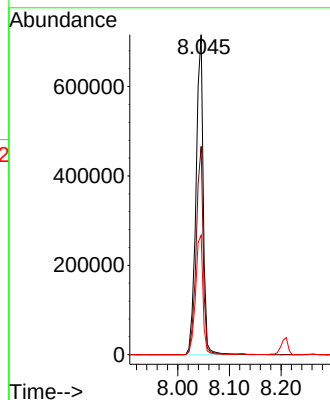
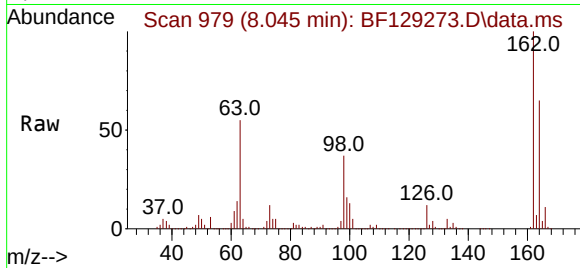
Tgt Ion:162 Resp: 692073

Ion Ratio Lower Upper

162 100

164 65.1 44.2 84.2

98 37.3 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 49.259 ng

RT: 8.122 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

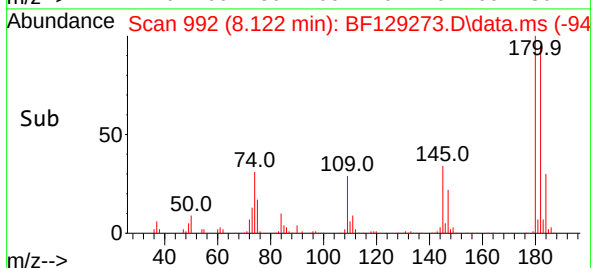
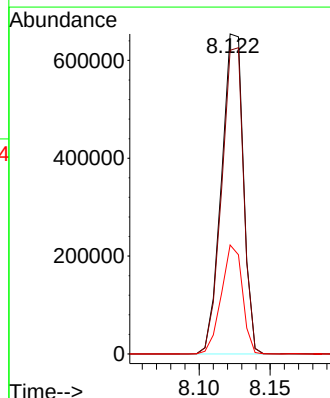
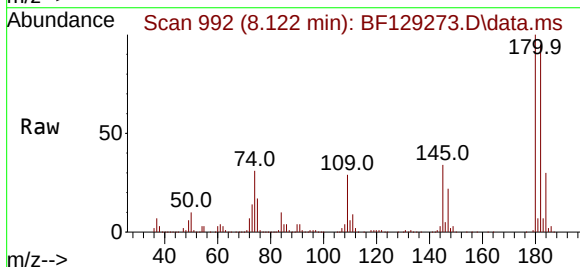
Tgt Ion:180 Resp: 702880

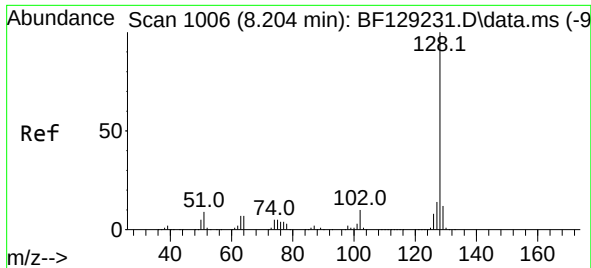
Ion Ratio Lower Upper

180 100

182 94.9 79.2 118.8

145 34.1 26.2 39.2

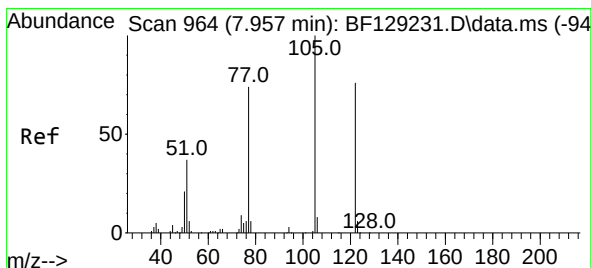
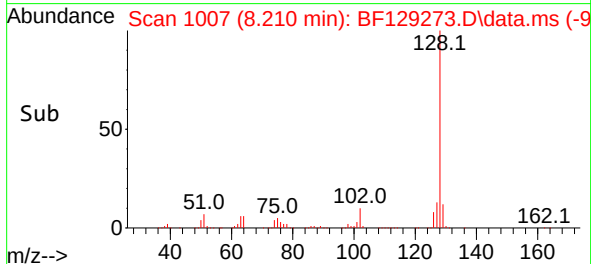
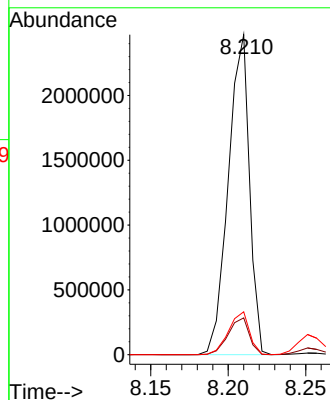
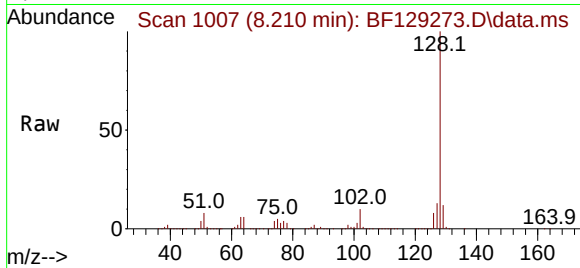




#31
Naphthalene
Concen: 49.661 ng
RT: 8.210 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

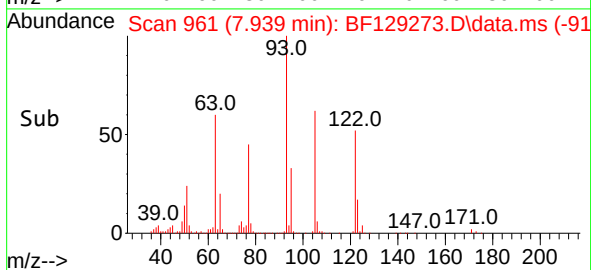
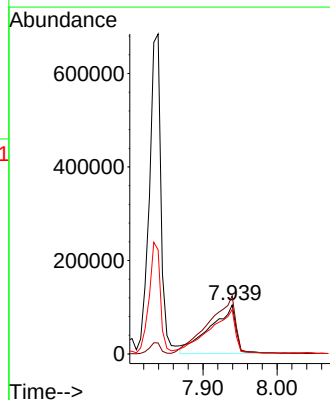
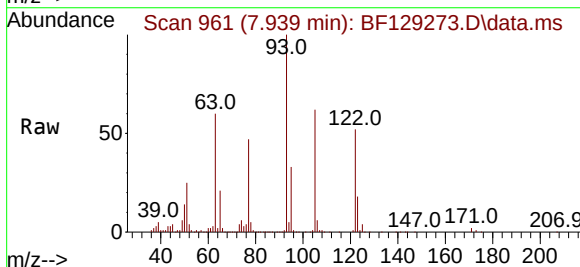
Instrument :
BNA_F
ClientSampleId :
TP-1MS

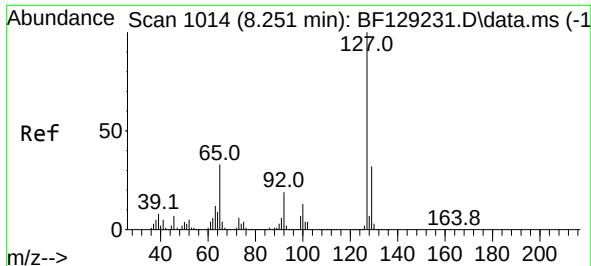
Tgt Ion:128 Resp: 2341441
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 23.692 ng
RT: 7.939 min Scan# 961
Delta R.T. -0.018 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:122 Resp: 254529
Ion Ratio Lower Upper
122 100
105 119.0 107.1 147.1
77 90.5 74.2 114.2

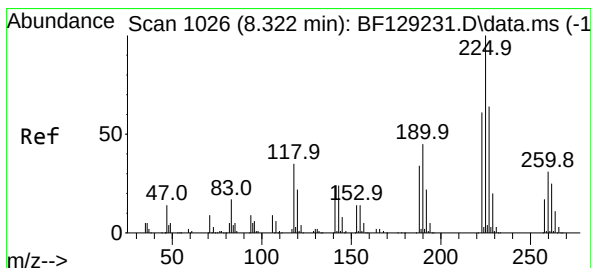
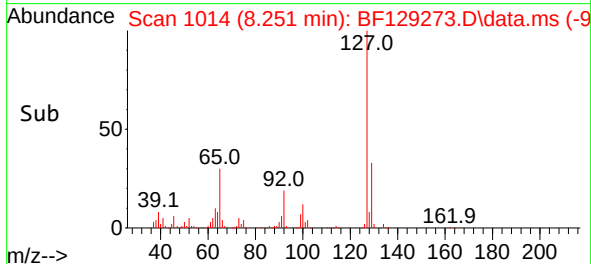
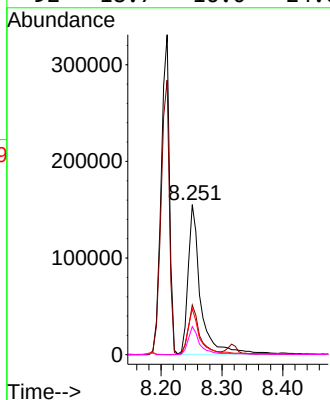
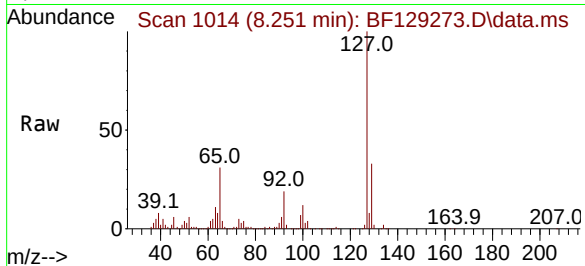




#33
4-Chloroaniline
Concen: 11.250 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

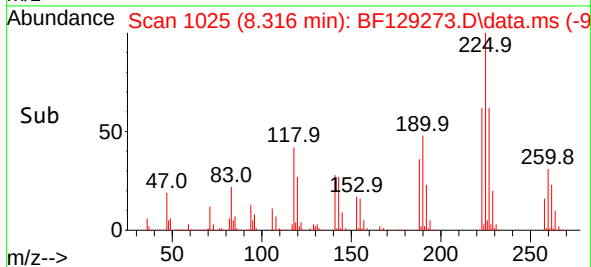
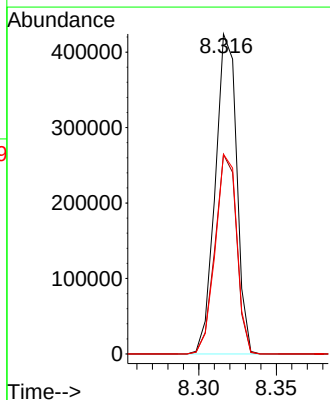
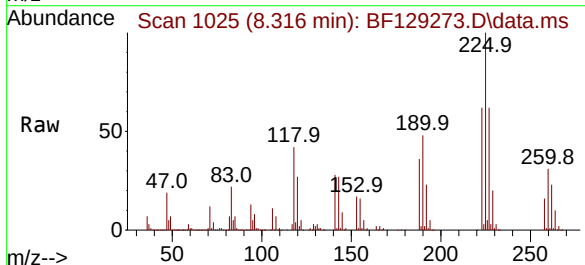
Instrument :
BNA_F
ClientSampleId :
TP-1MS

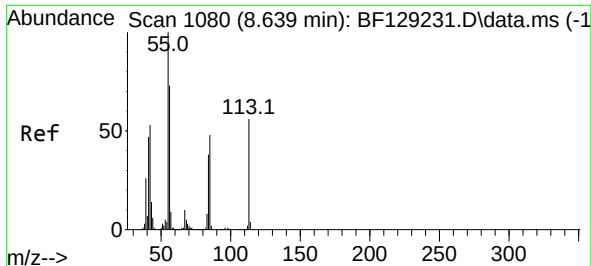
Tgt Ion:127	Resp:	219972	
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.4	39.6
65	30.5	26.4	39.6
92	18.7	16.0	24.0



#34
Hexachlorobutadiene
Concen: 50.807 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:225	Resp:	407858	
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	62.4	51.1	76.7

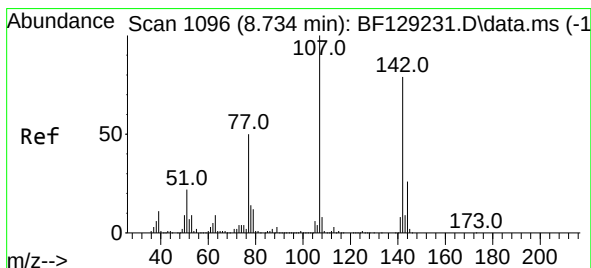
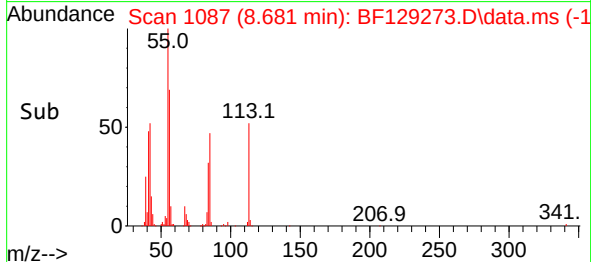
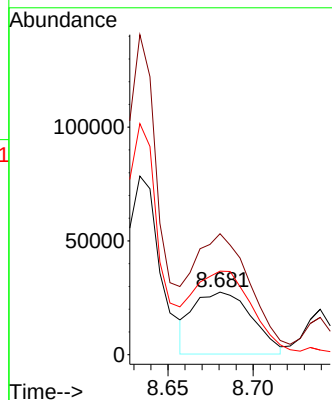
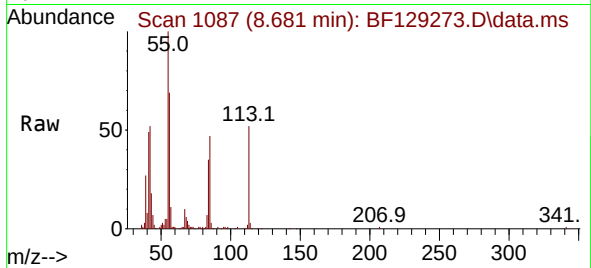




#35
 Caprolactam
 Concen: 14.188 ng
 RT: 8.681 min Scan# 1080
 Delta R.T. 0.041 min
 Lab File: BF129273.D
 Acq: 18 Jul 2022 18:07

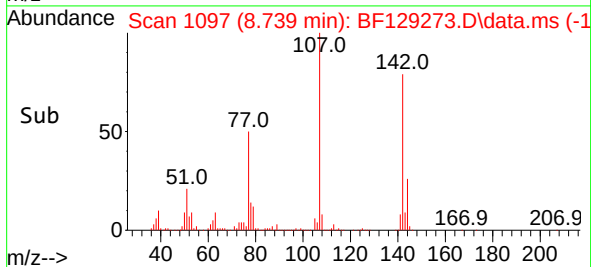
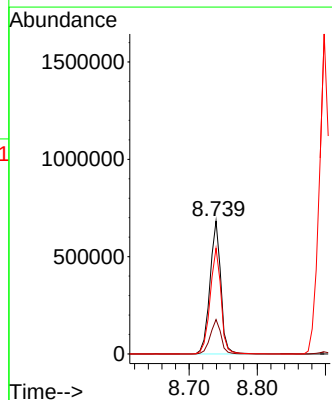
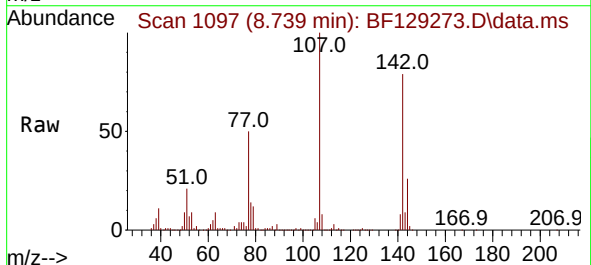
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

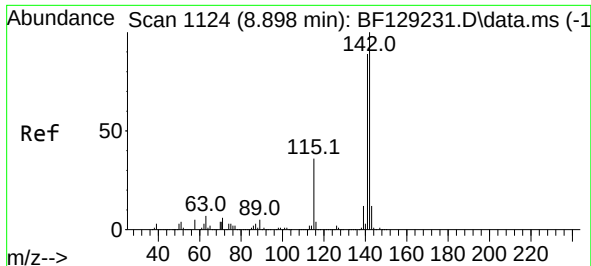
Tgt Ion:113 Resp: 64810
 Ion Ratio Lower Upper
 113 100
 55 193.5 188.5 228.5
 56 133.7 130.6 170.6



#36
 4-Chloro-3-methylphenol
 Concen: 50.371 ng
 RT: 8.739 min Scan# 1097
 Delta R.T. 0.006 min
 Lab File: BF129273.D
 Acq: 18 Jul 2022 18:07

Tgt Ion:107 Resp: 755635
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.5 29.3
 142 79.5 58.2 87.4





#37

2-Methylnaphthalene

Concen: 51.287 ng

RT: 8.898 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

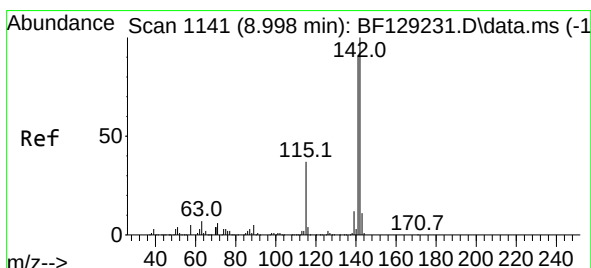
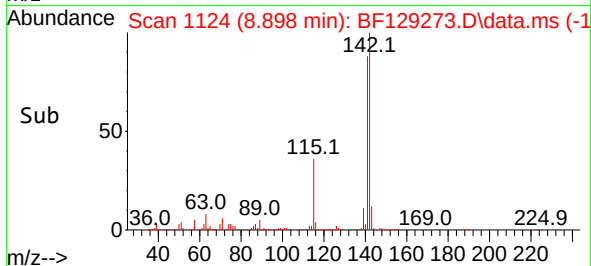
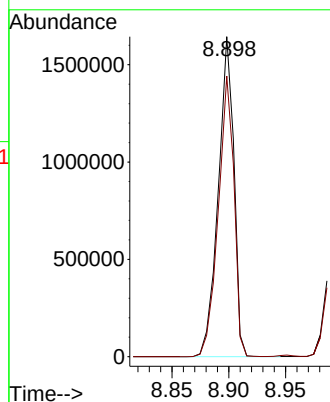
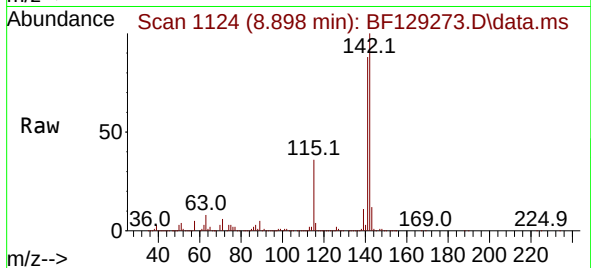
TP-1MS

Tgt Ion:142 Resp: 1576070

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.4



#38

1-Methylnaphthalene

Concen: 50.093 ng

RT: 8.998 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF129273.D

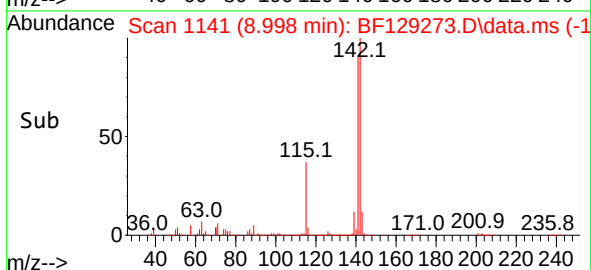
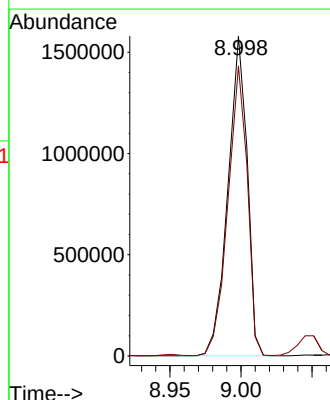
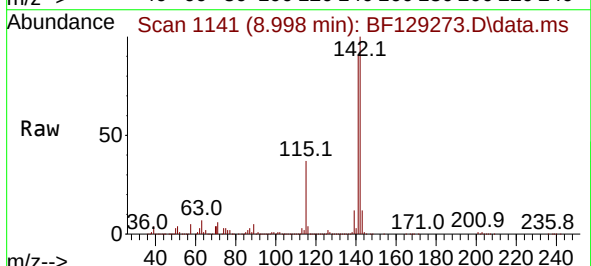
Acq: 18 Jul 2022 18:07

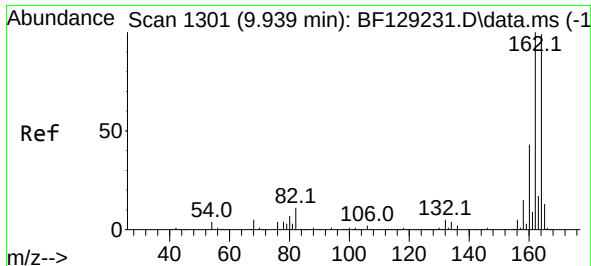
Tgt Ion:142 Resp: 1488712

Ion Ratio Lower Upper

142 100

141 90.6 74.2 111.4

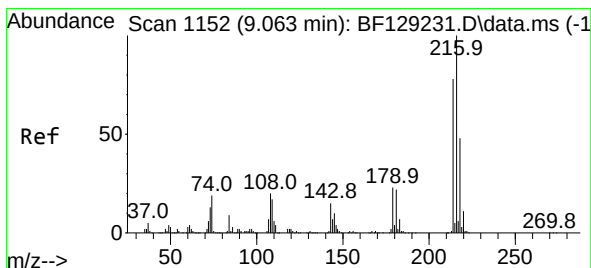
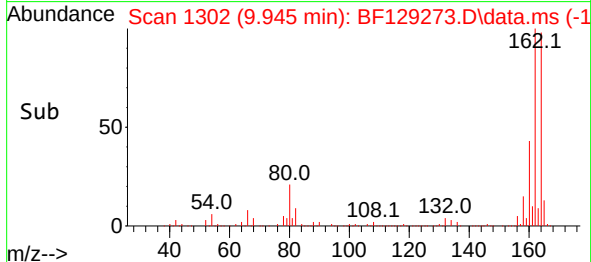
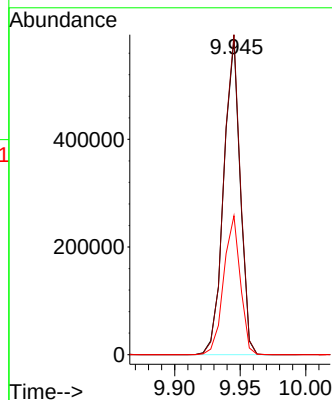
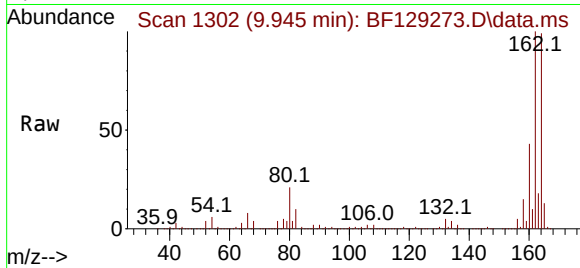




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1130
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

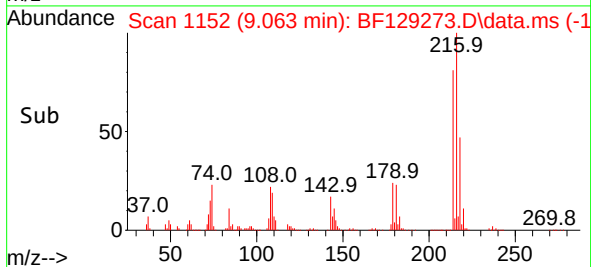
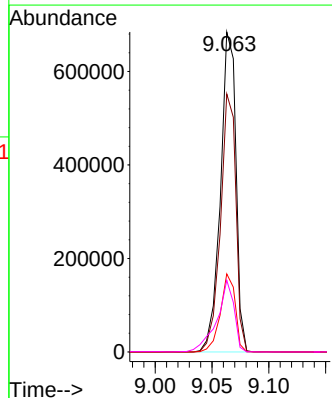
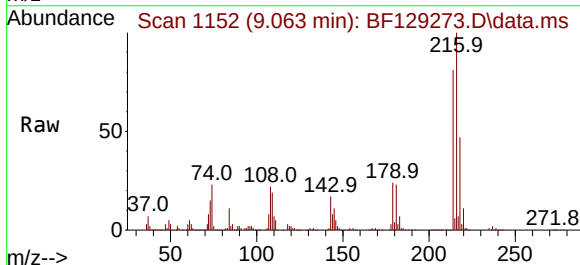
Instrument :
BNA_F
ClientSampleId :
TP-1MS

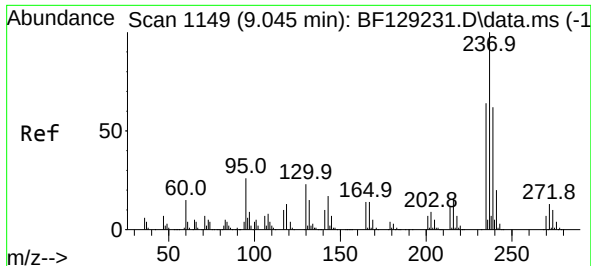
Tgt Ion:164 Resp: 511364
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 44.0 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.228 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:216 Resp: 651296
Ion Ratio Lower Upper
216 100
214 80.1 63.6 95.4
179 23.4 17.0 25.6
108 24.9 16.0 24.0#

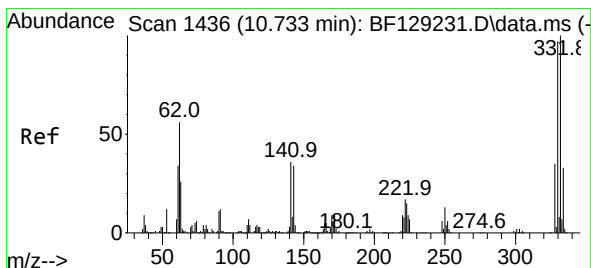
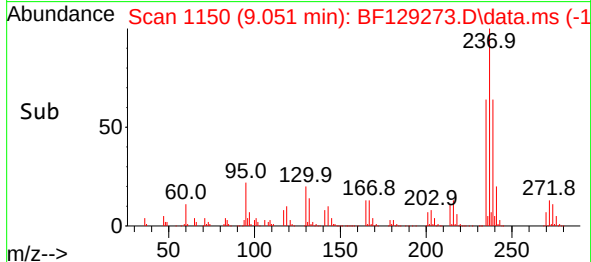
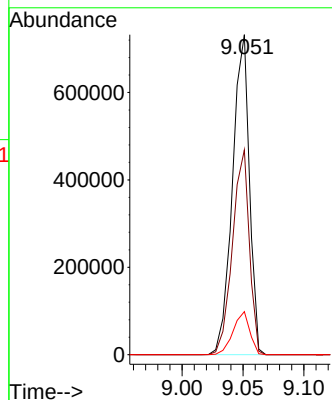
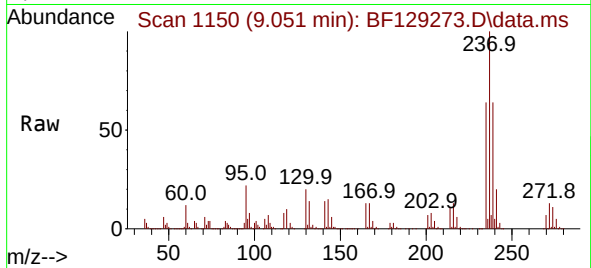




#41
Hexachlorocyclopentadiene
Concen: 110.567 ng
RT: 9.051 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

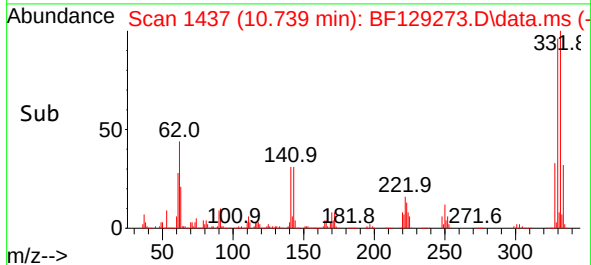
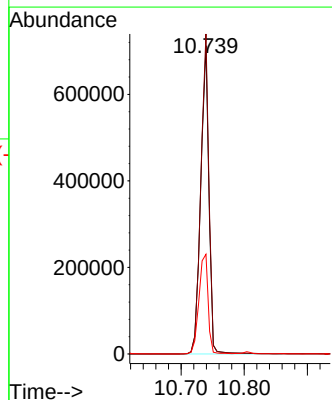
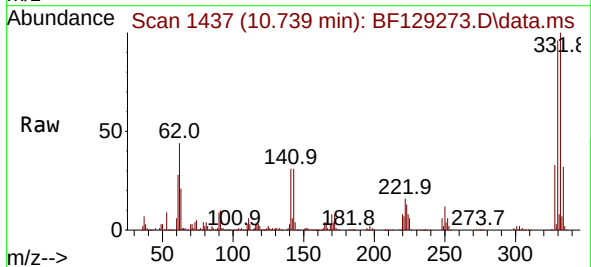
Instrument :
BNA_F
ClientSampleId :
TP-1MS

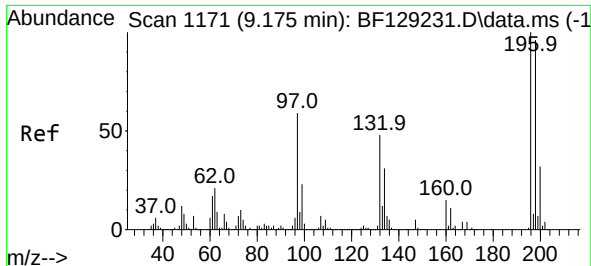
Tgt Ion:237 Resp: 707390
Ion Ratio Lower Upper
237 100
235 64.0 43.2 83.2
272 13.4 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 134.766 ng
RT: 10.739 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:330 Resp: 639644
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 36.3 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 51.373 ng

RT: 9.181 min Scan# 1171

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

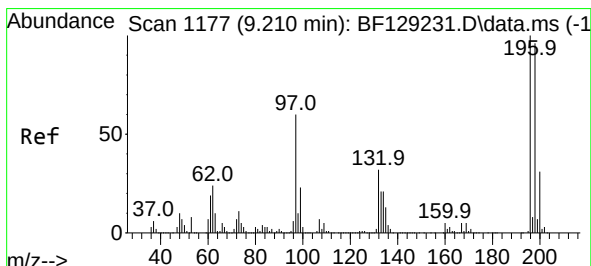
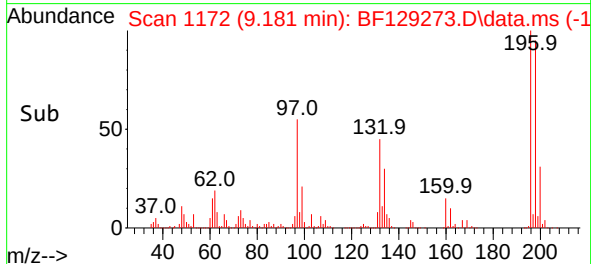
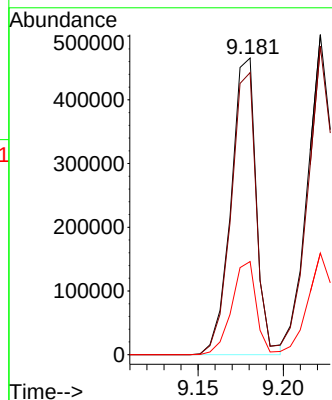
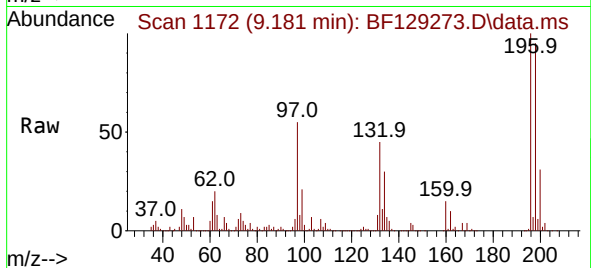
Tgt Ion:196 Resp: 480951

Ion Ratio Lower Upper

196 100

198 95.1 74.0 111.0

200 31.4 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 52.073 ng

RT: 9.222 min Scan# 1179

Delta R.T. 0.012 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Tgt Ion:196 Resp: 515668

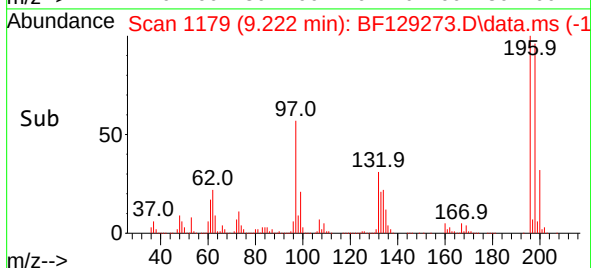
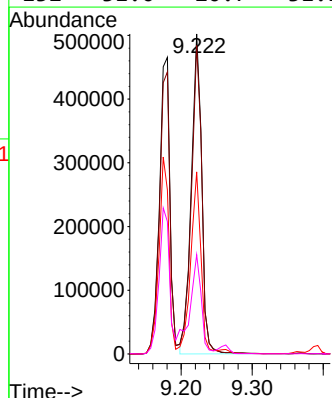
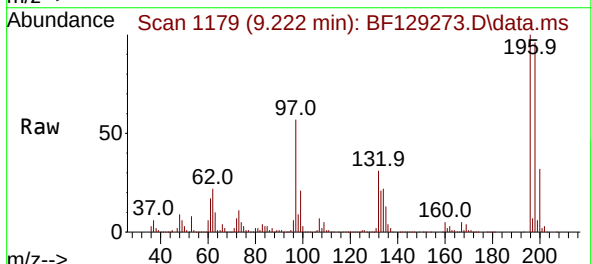
Ion Ratio Lower Upper

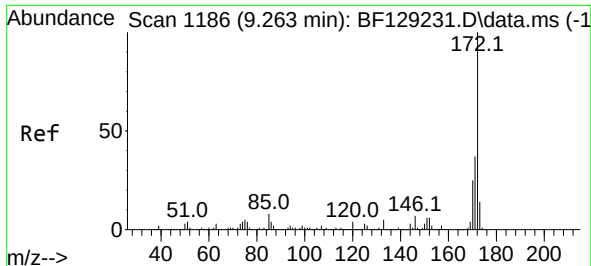
196 100

198 96.4 75.7 113.5

97 56.9 36.4 54.6#

132 31.0 20.7 31.1

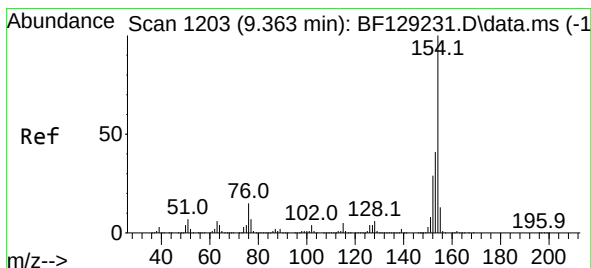
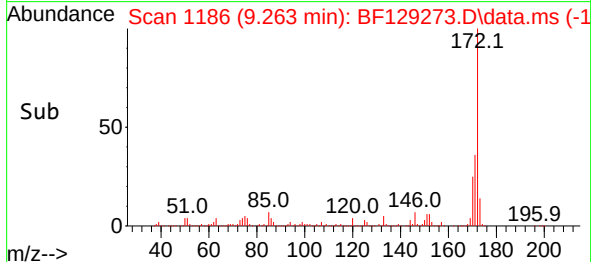
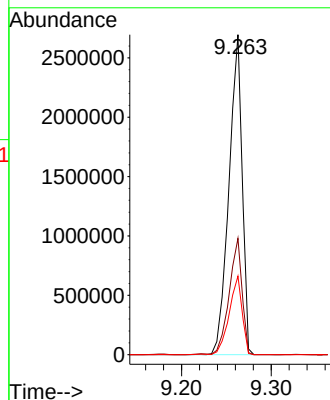
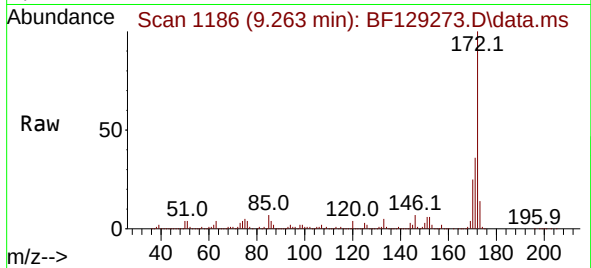




#45
2-Fluorobiphenyl
Concen: 91.404 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

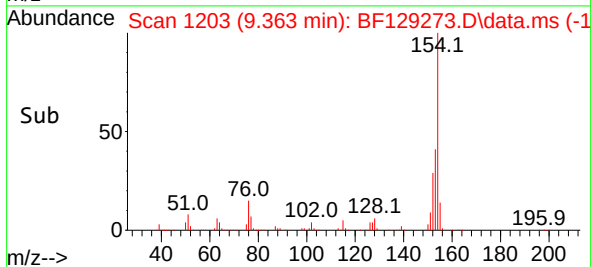
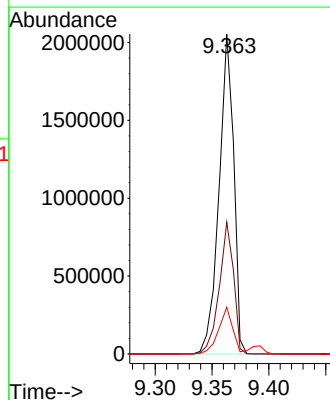
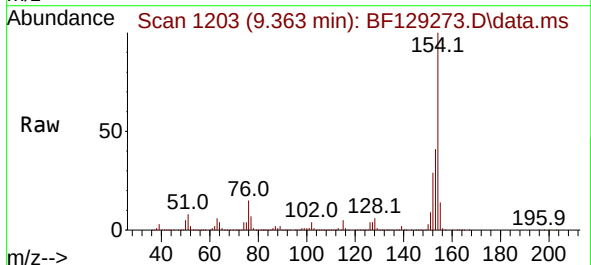
Instrument :
BNA_F
ClientSampleId :
TP-1MS

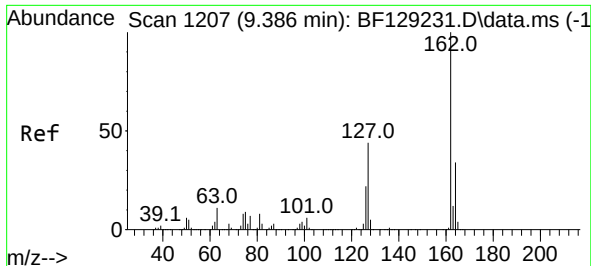
Tgt Ion:172 Resp: 2758858
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.6 19.8 29.8



#46
1,1'-Biphenyl
Concen: 51.137 ng
RT: 9.363 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:154 Resp: 1849549
Ion Ratio Lower Upper
154 100
153 41.2 20.6 60.6
76 14.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 51.173 ng

RT: 9.392 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

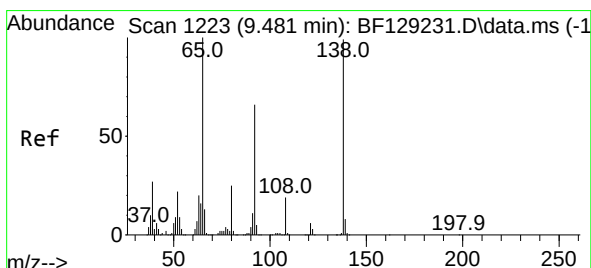
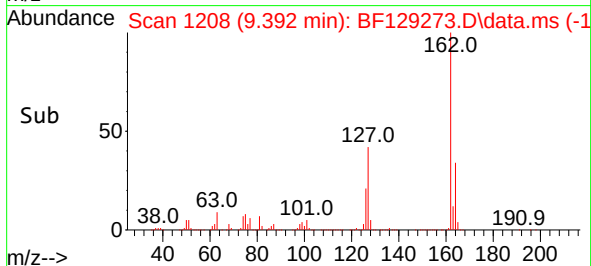
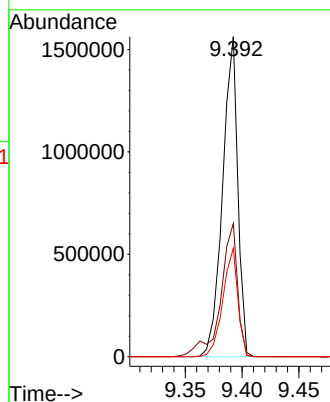
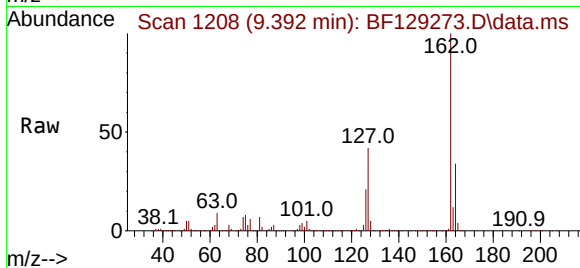
Tgt Ion:162 Resp: 1457831

Ion Ratio Lower Upper

162 100

127 41.6 34.5 51.7

164 33.9 26.5 39.7



#48

2-Nitroaniline

Concen: 51.256 ng

RT: 9.486 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

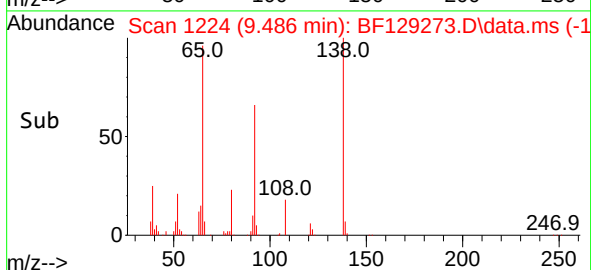
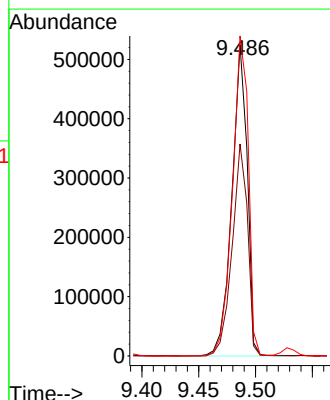
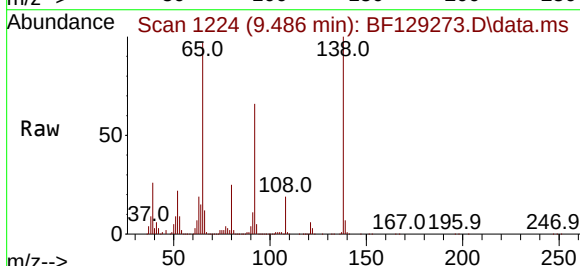
Tgt Ion: 65 Resp: 490581

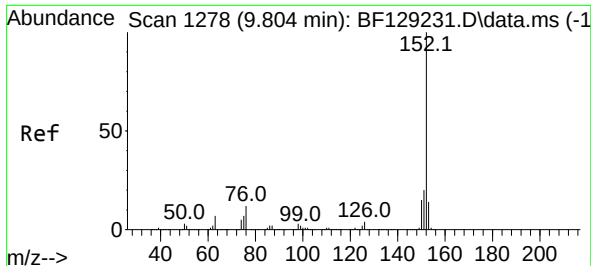
Ion Ratio Lower Upper

65 100

92 68.1 51.9 77.9

138 102.8 76.4 114.6





#49

Acenaphthylene

Concen: 51.799 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

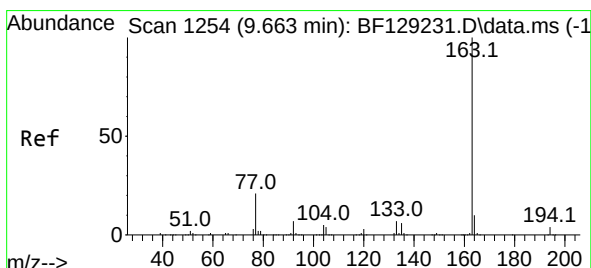
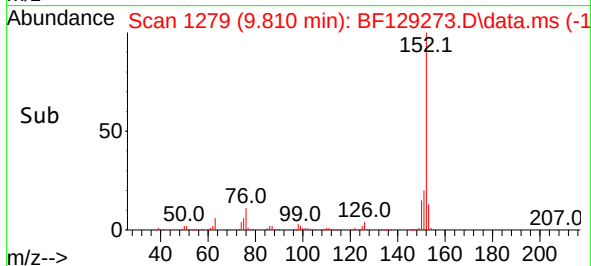
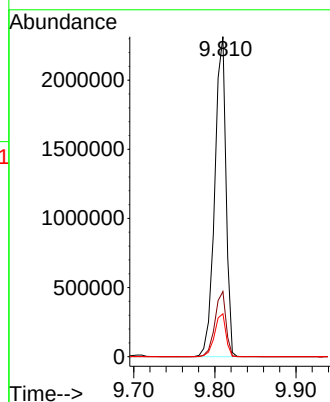
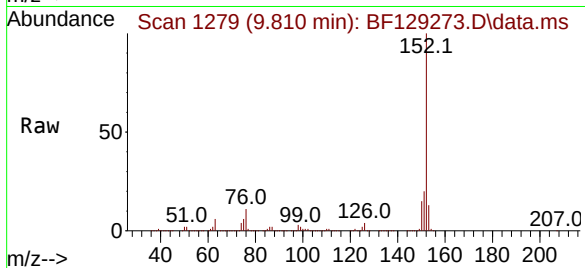
Tgt Ion:152 Resp: 2221077

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 52.652 ng

RT: 9.669 min Scan# 1255

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

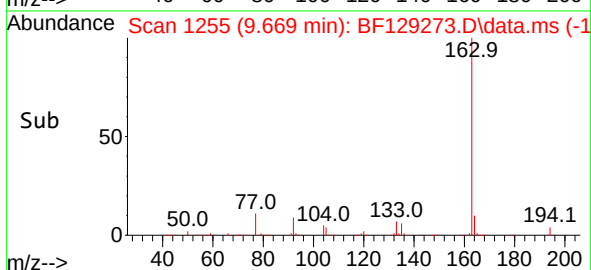
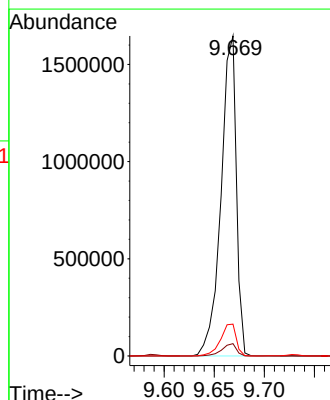
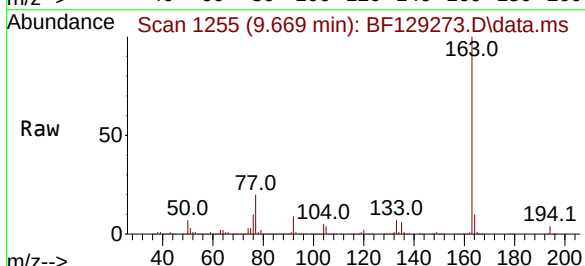
Tgt Ion:163 Resp: 1747199

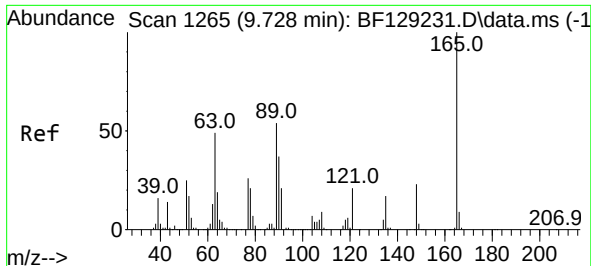
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.0 8.2 12.2

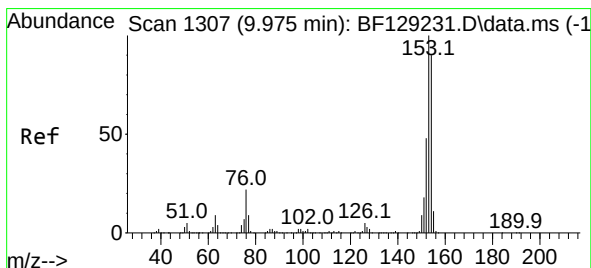
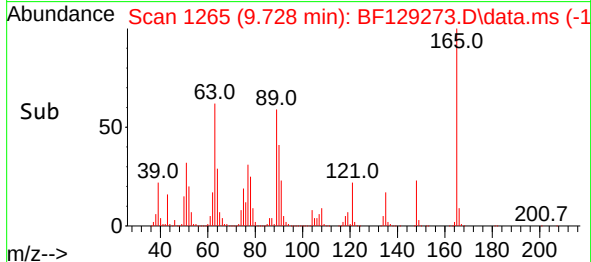
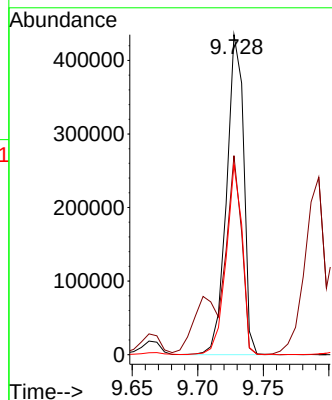
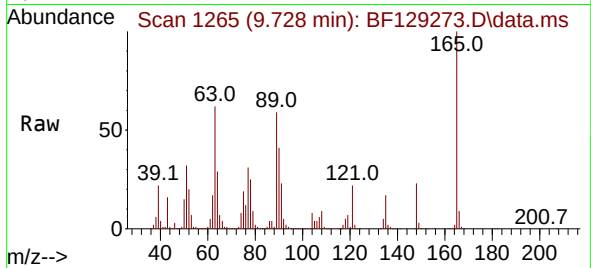




#51
2,6-Dinitrotoluene
Concen: 54.730 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

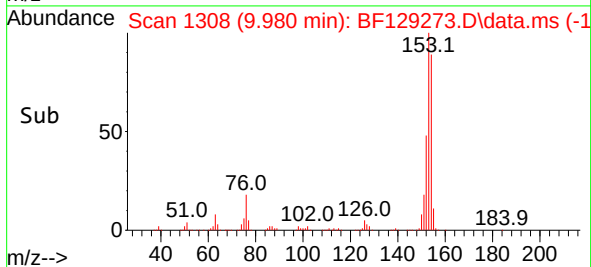
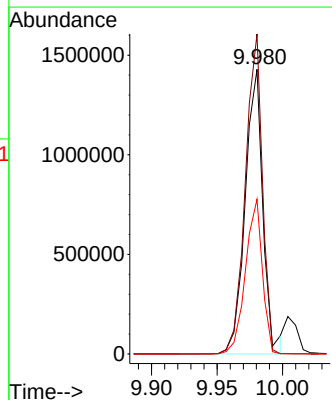
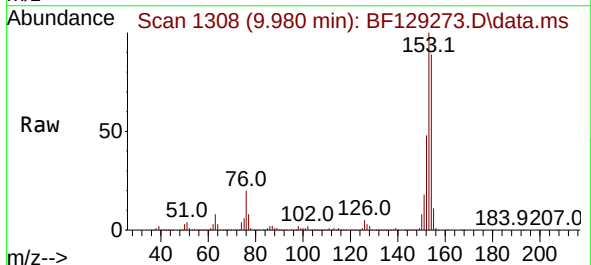
Instrument :
BNA_F
ClientSampleId :
TP-1MS

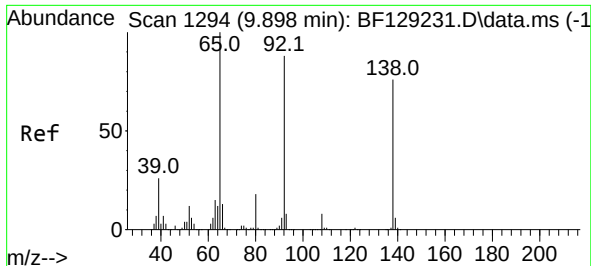
Tgt Ion:165 Resp: 392999
Ion Ratio Lower Upper
165 100
63 62.2 44.9 67.3
89 59.4 43.6 65.4



#52
Acenaphthene
Concen: 47.989 ng
RT: 9.980 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:154 Resp: 1345035
Ion Ratio Lower Upper
154 100
153 112.4 89.6 134.4
152 54.4 42.4 63.6

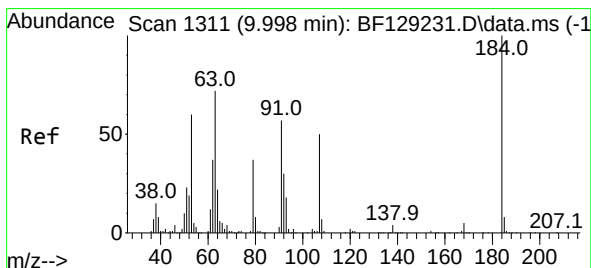
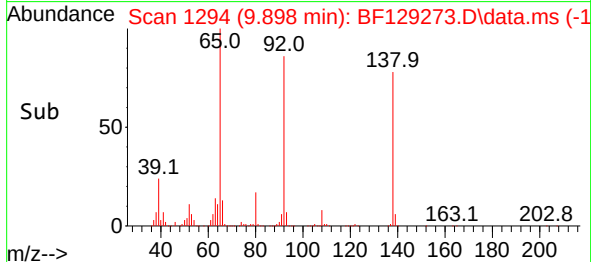
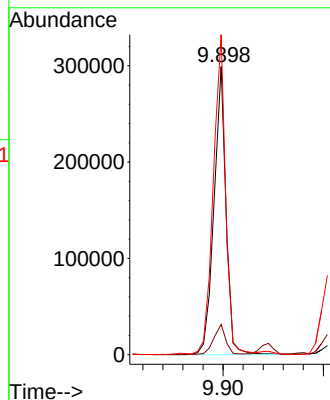
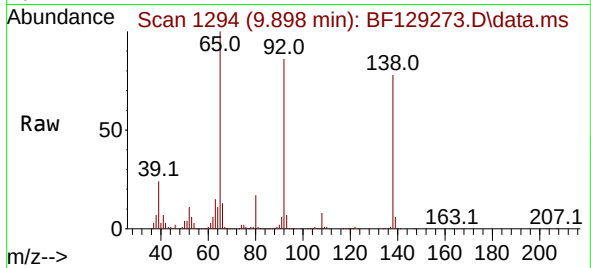




#53
3-Nitroaniline
Concen: 29.034 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

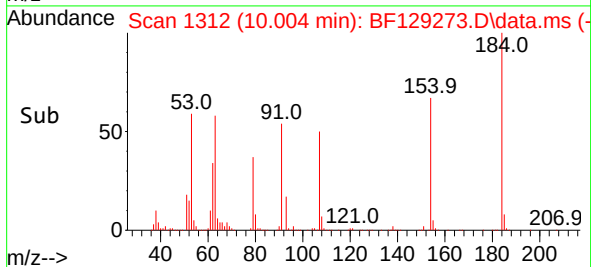
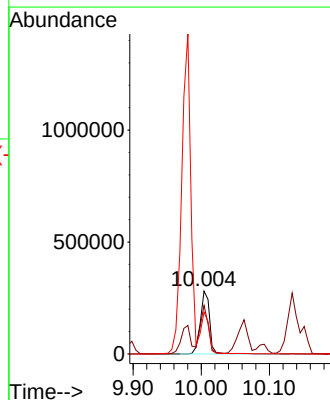
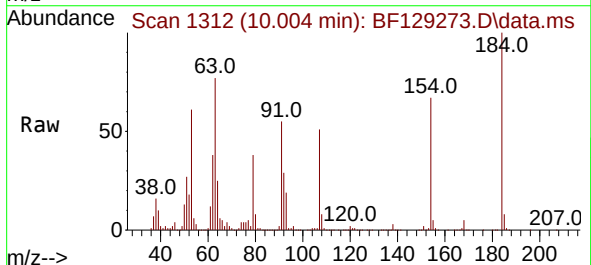
Instrument :
BNA_F
ClientSampleId :
TP-1MS

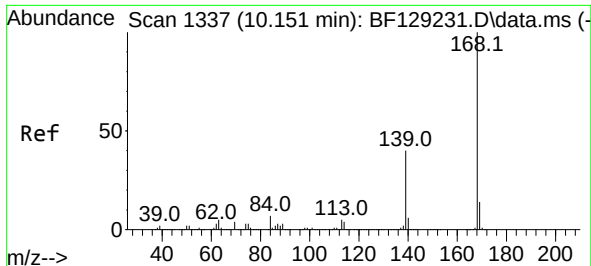
Tgt Ion:138 Resp: 248960
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3#
92 111.1 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 69.347 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:184 Resp: 266880
Ion Ratio Lower Upper
184 100
63 77.0 64.5 96.7
154 66.7 50.6 75.8

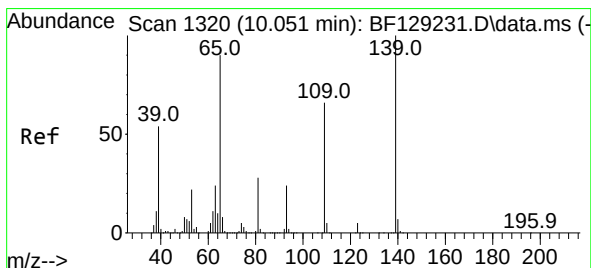
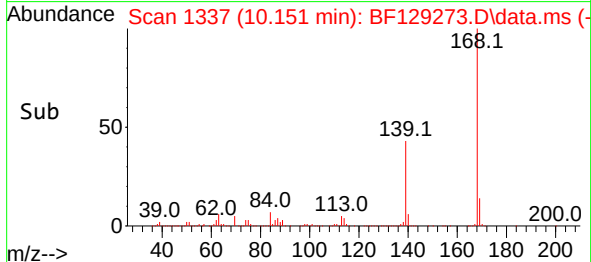
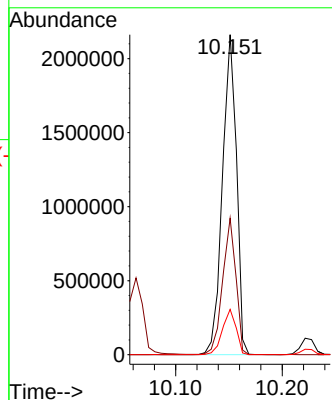
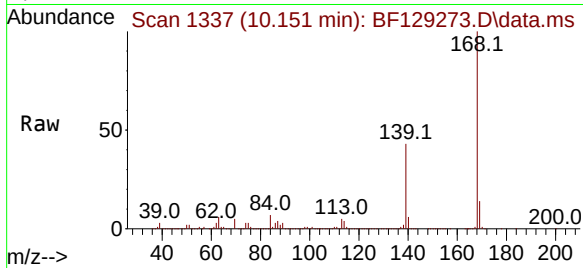




#55
Dibenzofuran
Concen: 49.461 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

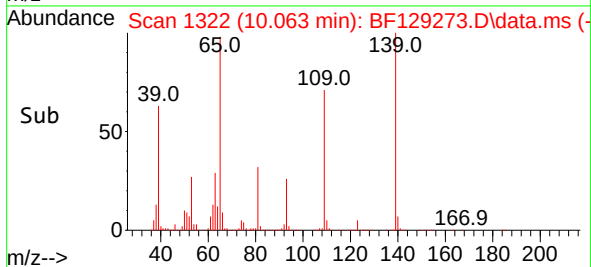
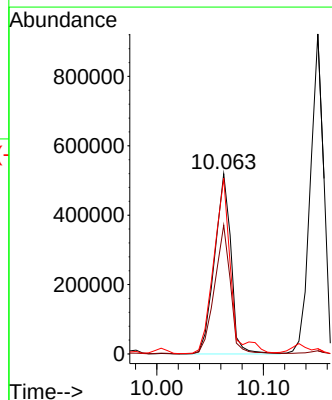
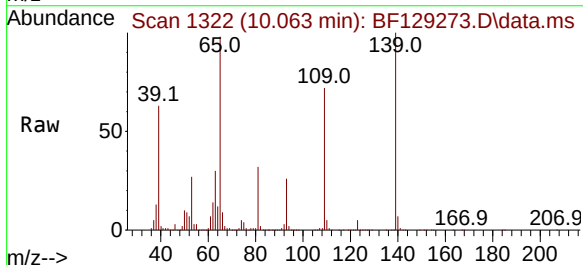
Instrument :
BNA_F
ClientSampleId :
TP-1MS

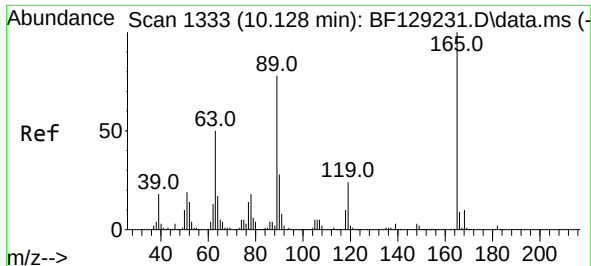
Tgt Ion:168 Resp: 1967905
Ion Ratio Lower Upper
168 100
139 42.7 30.6 46.0
169 14.1 11.0 16.6



#56
4-Nitrophenol
Concen: 81.749 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:139 Resp: 554807
Ion Ratio Lower Upper
139 100
109 71.5 50.7 90.7
65 97.6 74.5 114.5

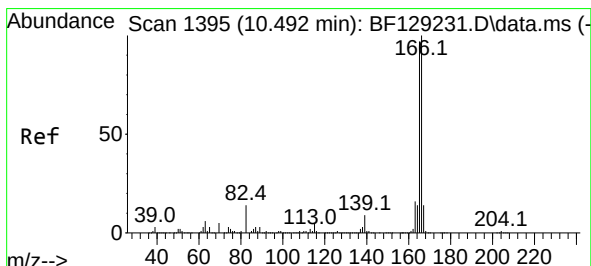
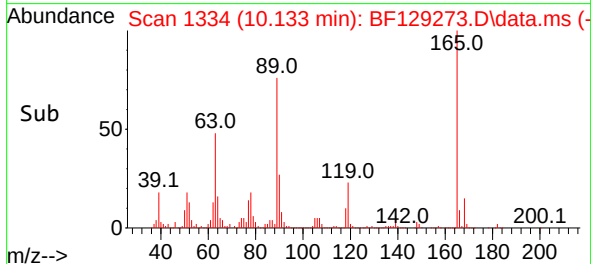
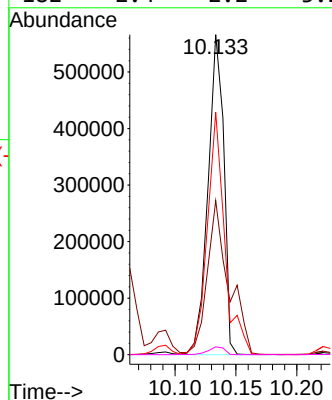
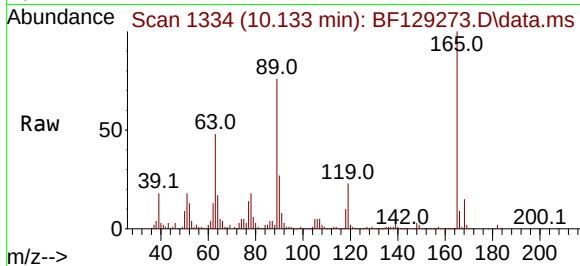




#57
2,4-Dinitrotoluene
Concen: 54.105 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

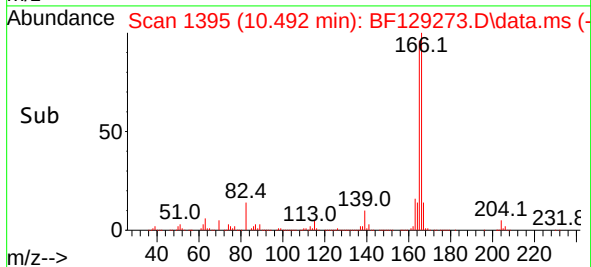
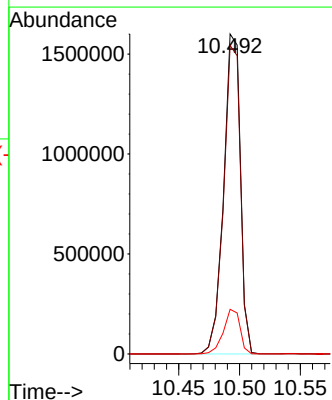
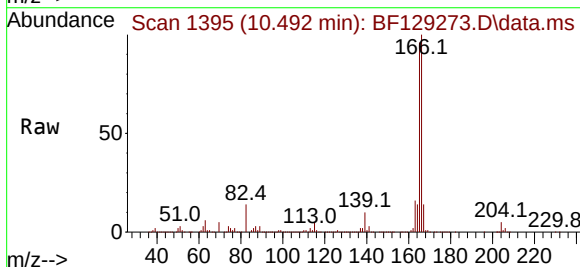
Instrument :
BNA_F
ClientSampleId :
TP-1MS

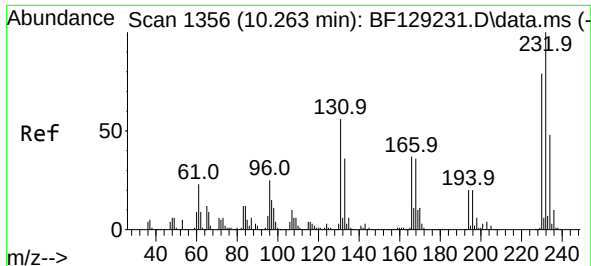
Tgt Ion:165 Resp: 509462
Ion Ratio Lower Upper
165 100
63 48.1 39.8 59.6
89 75.8 60.2 90.2
182 2.4 2.2 3.2



#58
Fluorene
Concen: 50.802 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:166 Resp: 1537349
Ion Ratio Lower Upper
166 100
165 96.4 78.1 117.1
167 13.9 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.510 ng

RT: 10.269 min Scan# 1356

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:232 Resp: 378742

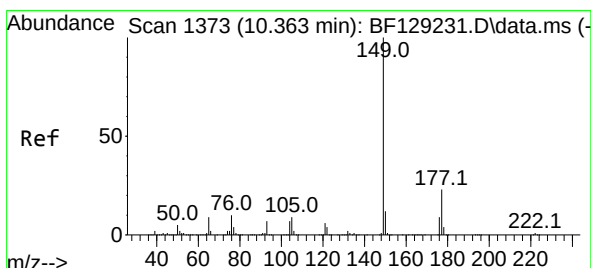
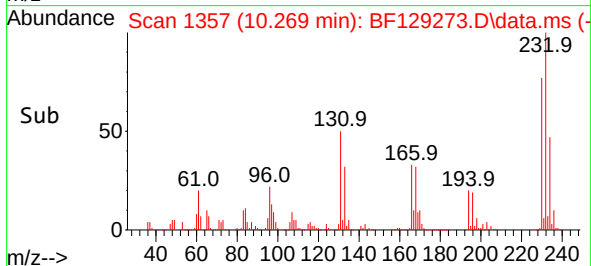
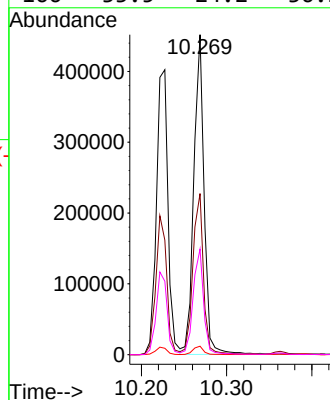
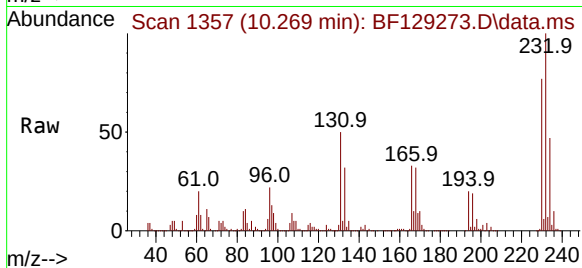
Ion Ratio Lower Upper

232 100

131 52.4 36.1 54.1

130 2.6 1.8 2.8

166 33.5 24.2 36.2



#60

Diethylphthalate

Concen: 51.623 ng

RT: 10.363 min Scan# 1373

Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

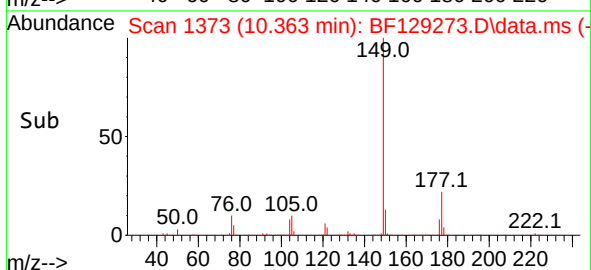
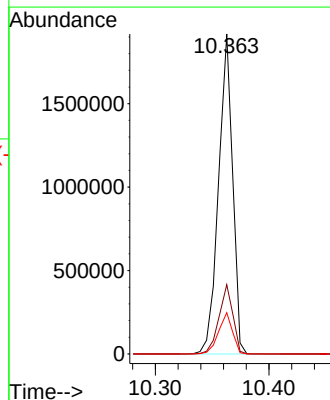
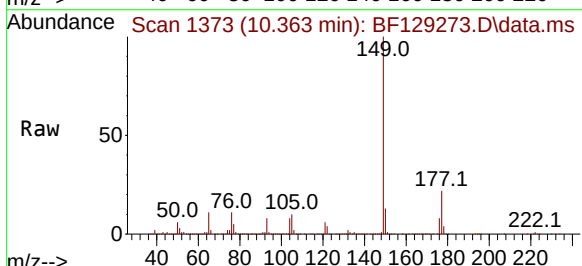
Tgt Ion:149 Resp: 1656607

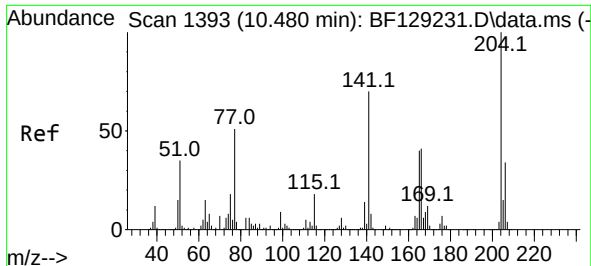
Ion Ratio Lower Upper

149 100

177 21.7 17.3 25.9

150 12.9 10.2 15.2

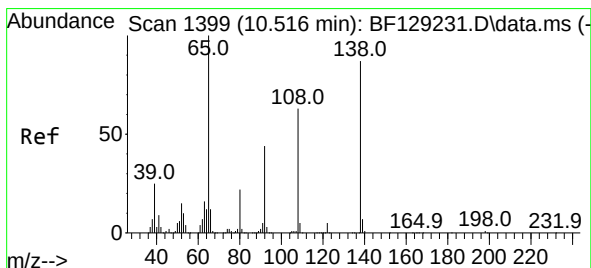
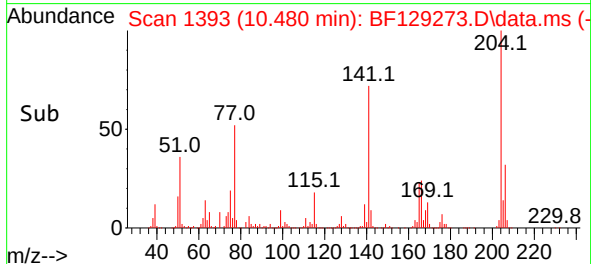
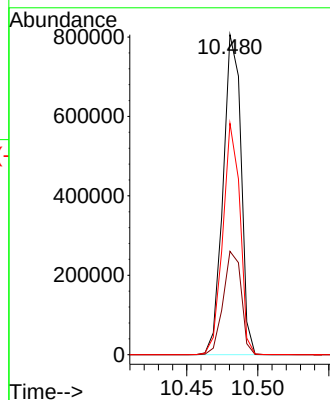
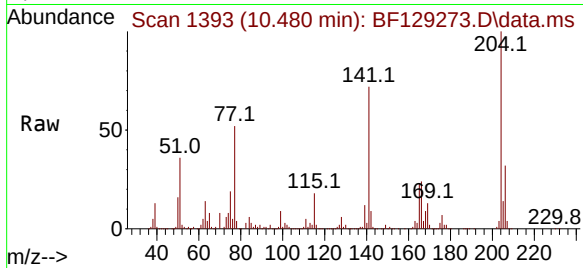




#61
4-Chlorophenyl-phenylether
Concen: 50.301 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

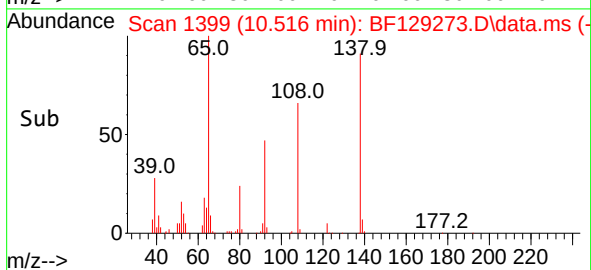
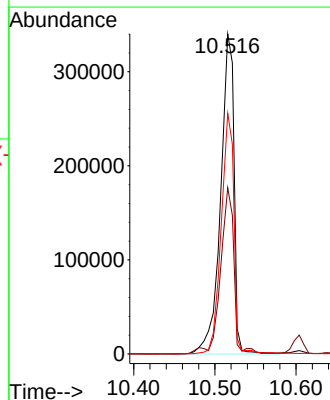
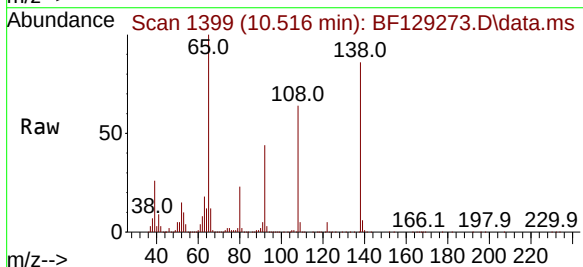
Instrument :
BNA_F
ClientSampleId :
TP-1MS

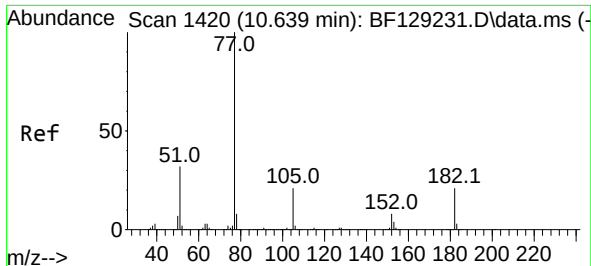
Tgt Ion:204 Resp: 705145
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 72.3 47.0 70.4#



#62
4-Nitroaniline
Concen: 46.321 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:138 Resp: 393221
Ion Ratio Lower Upper
138 100
92 51.9 33.5 73.5
108 75.2 61.0 101.0



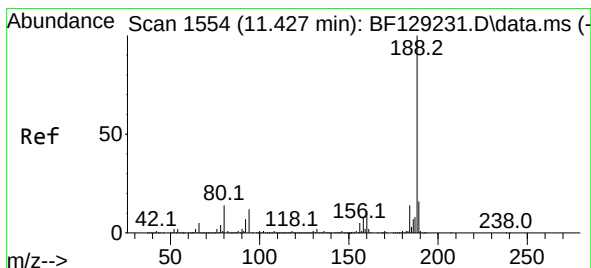
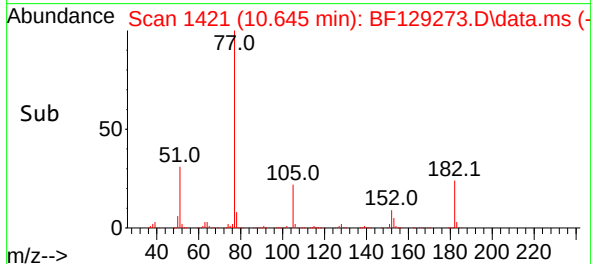
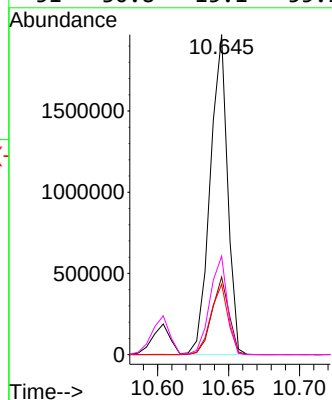
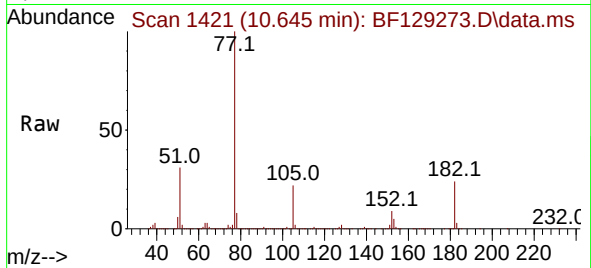


#63
Azobenzene
Concen: 48.803 ng
RT: 10.645 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion: 77 Resp: 1671746

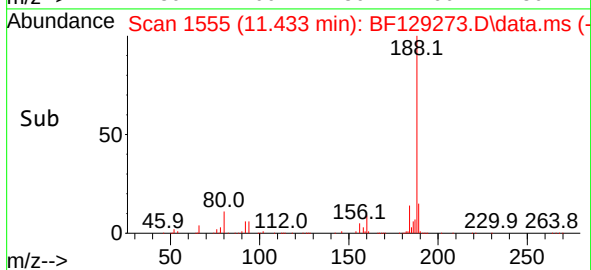
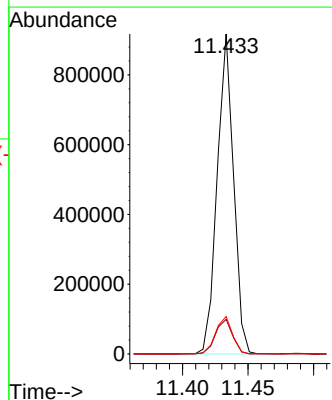
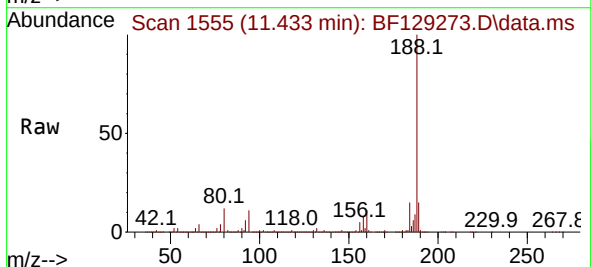
Ion	Ratio	Lower	Upper
77	100		
182	24.2	5.6	45.6
105	22.0	1.6	41.6
51	30.8	15.1	55.1

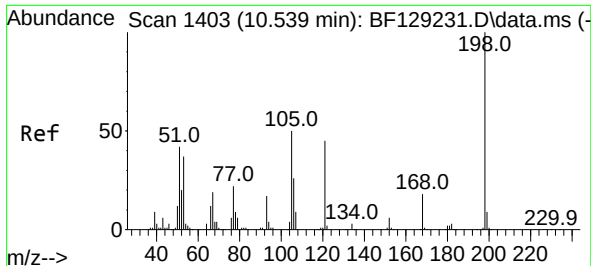


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion: 188 Resp: 796082

Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.0	10.6#
80	11.7	7.6	11.4#

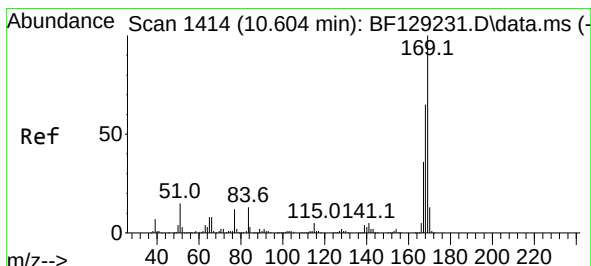
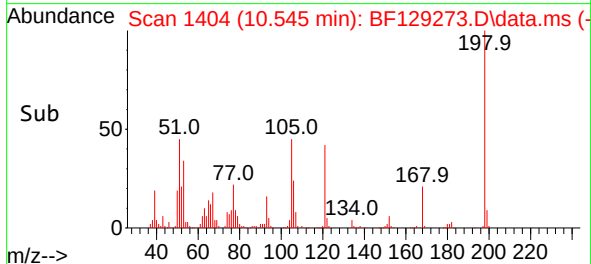
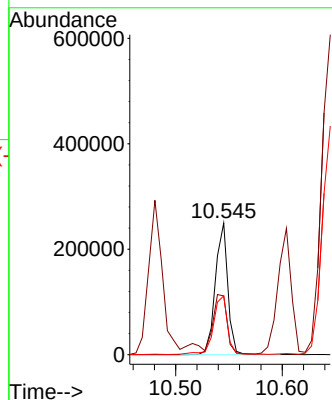
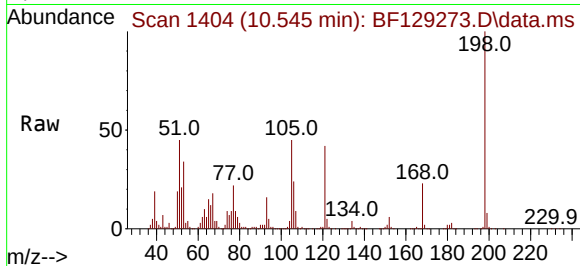




#65
4,6-Dinitro-2-methylphenol
Concen: 40.209 ng
RT: 10.545 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

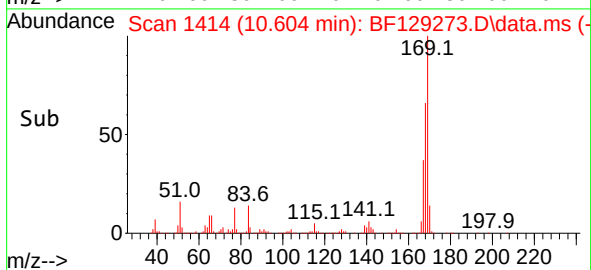
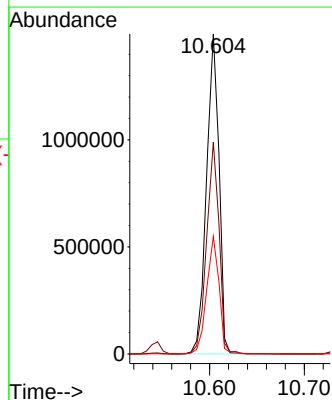
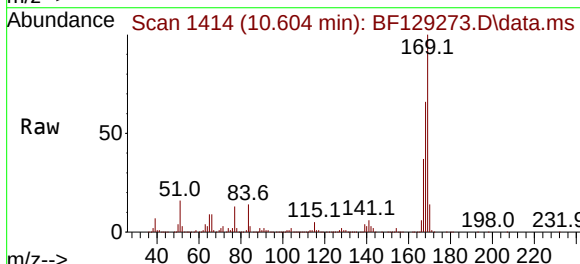
Instrument :
BNA_F
ClientSampleId :
TP-IMS

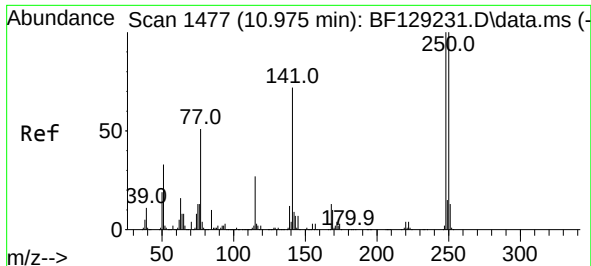
Tgt Ion:198 Resp: 202245
Ion Ratio Lower Upper
198 100
51 44.6 37.6 77.6
105 44.7 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 53.528 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:169 Resp: 1359569
Ion Ratio Lower Upper
169 100
168 66.2 50.1 75.1
167 36.7 27.9 41.9

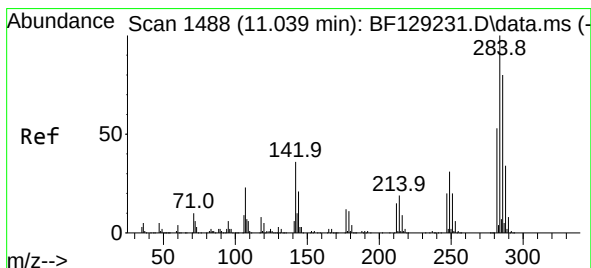
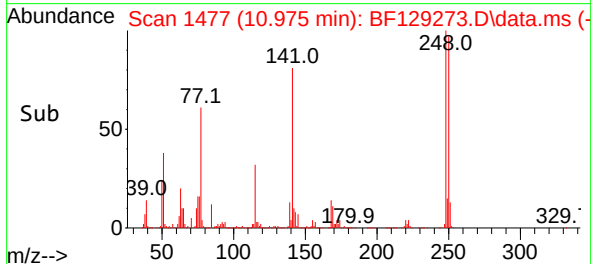
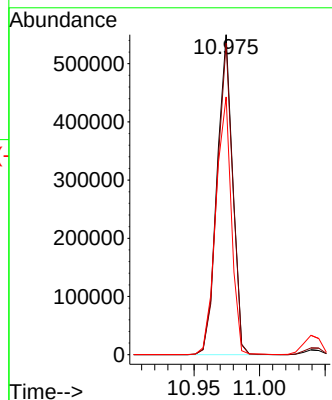
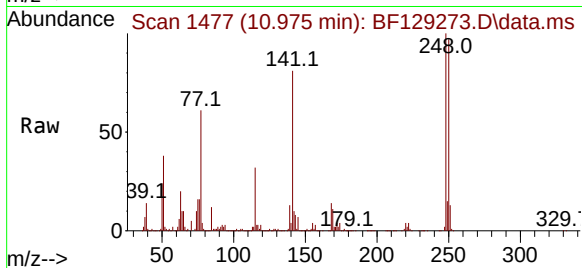




#67
4-Bromophenyl-phenylether
Concen: 54.271 ng
RT: 10.975 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

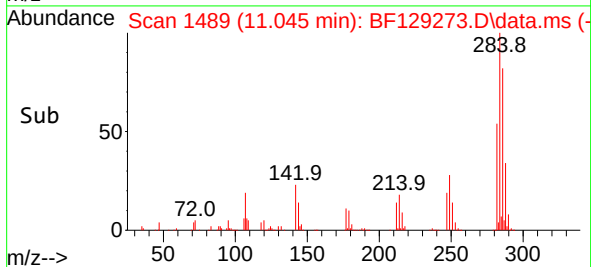
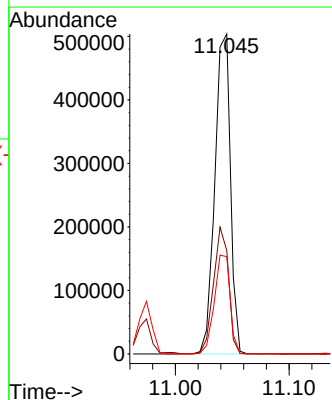
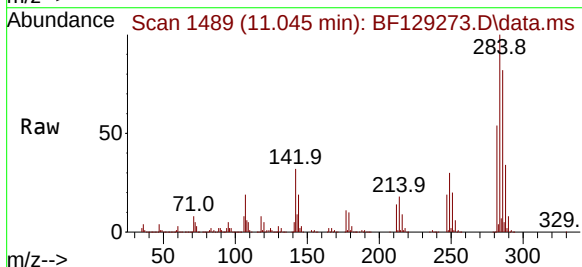
Instrument :
BNA_F
ClientSampleId :
TP-1MS

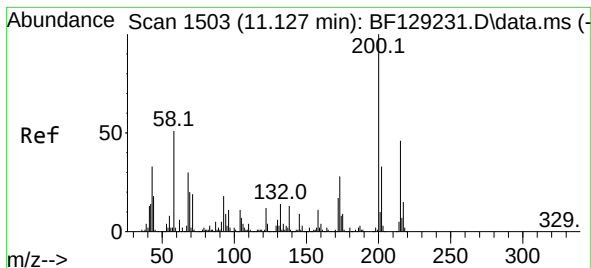
Tgt Ion:248 Resp: 454799
Ion Ratio Lower Upper
248 100
250 97.3 80.6 120.8
141 80.6 58.9 88.3



#68
Hexachlorobenzene
Concen: 54.792 ng
RT: 11.045 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:284 Resp: 481977
Ion Ratio Lower Upper
284 100
142 32.3 29.0 43.4
249 30.4 25.0 37.6





#69

Atrazine

Concen: 61.971 ng

RT: 11.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

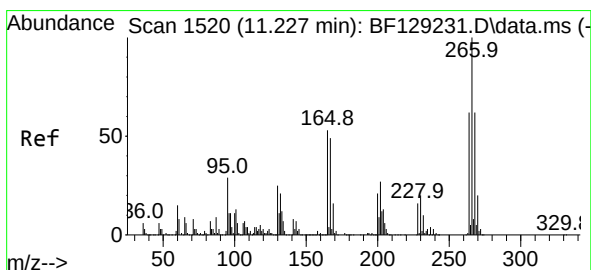
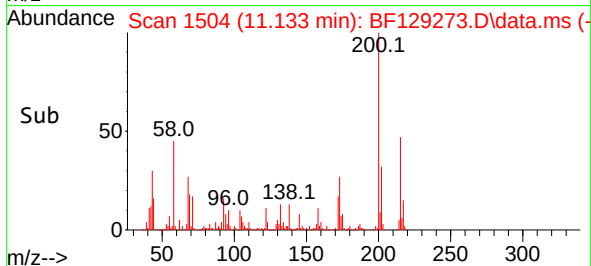
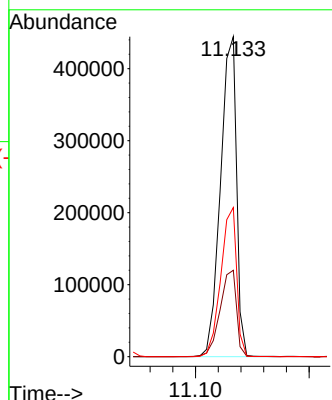
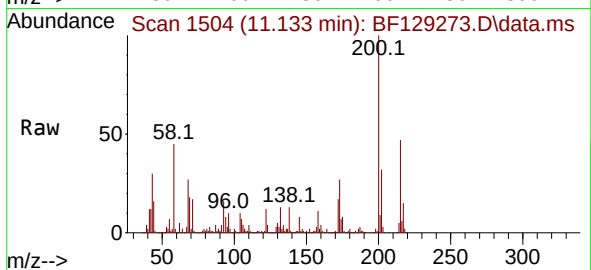
Tgt Ion:200 Resp: 436366

Ion Ratio Lower Upper

200 100

173 27.0 6.3 46.3

215 46.6 28.3 68.3



#70

Pentachlorophenol

Concen: 84.347 ng

RT: 11.239 min Scan# 1522

Delta R.T. 0.012 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

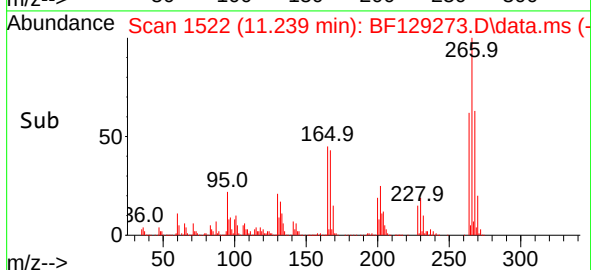
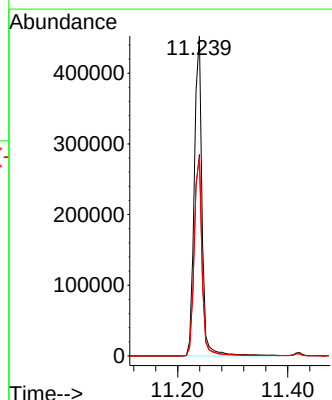
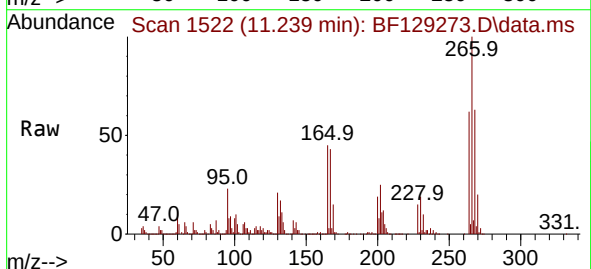
Tgt Ion:266 Resp: 441201

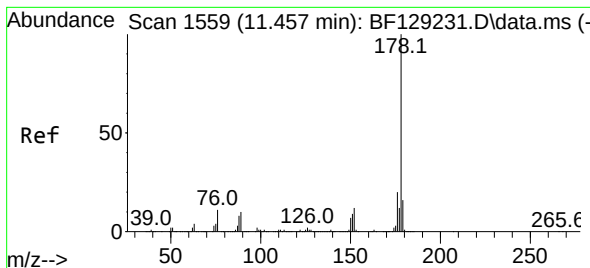
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.4

264 62.2 49.4 74.2





#71

Phenanthrene

Concen: 50.730 ng

RT: 11.457 min Scan# 1559

Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

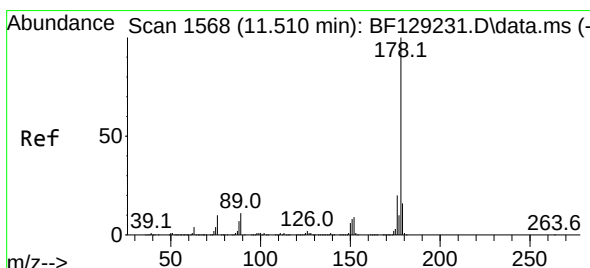
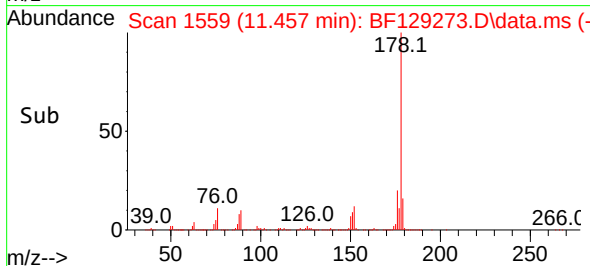
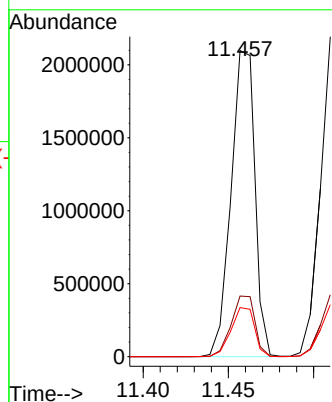
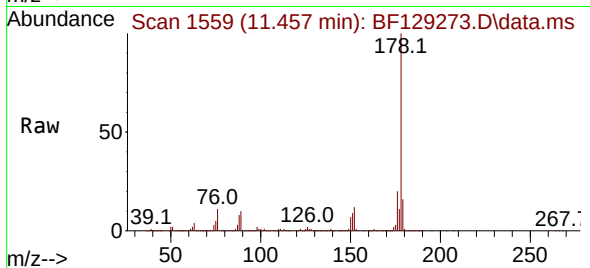
Tgt Ion:178 Resp: 2050397

Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 16.0 12.6 19.0



#72

Anthracene

Concen: 52.032 ng

RT: 11.510 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

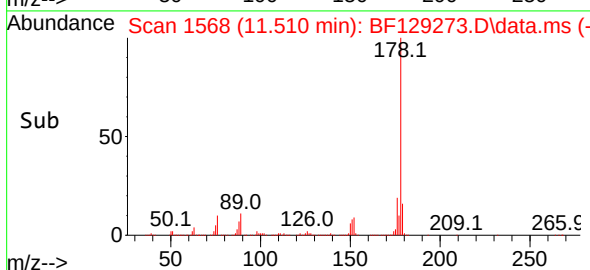
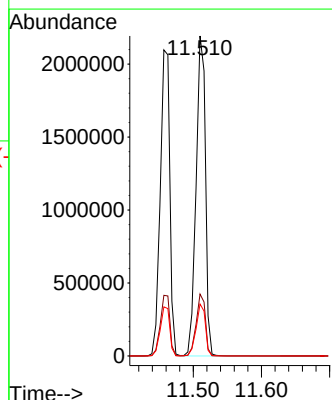
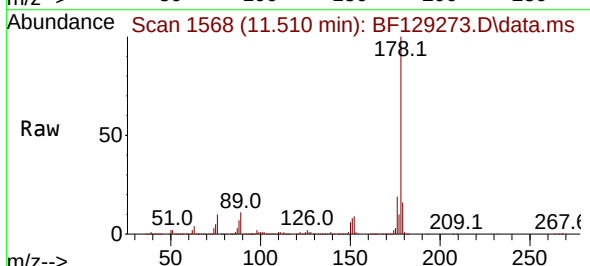
Tgt Ion:178 Resp: 2089039

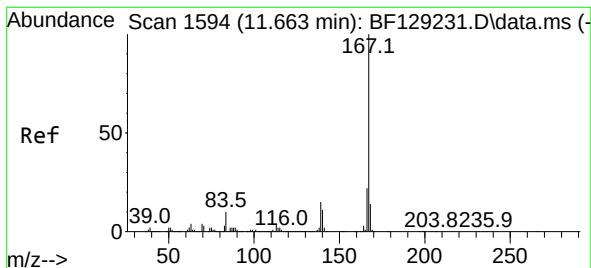
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 16.2 12.6 19.0





#73

Carbazole

Concen: 46.988 ng

RT: 11.669 min Scan# 1594

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

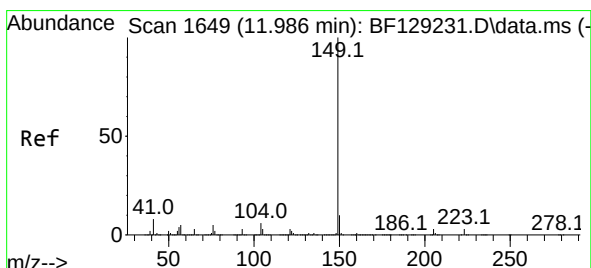
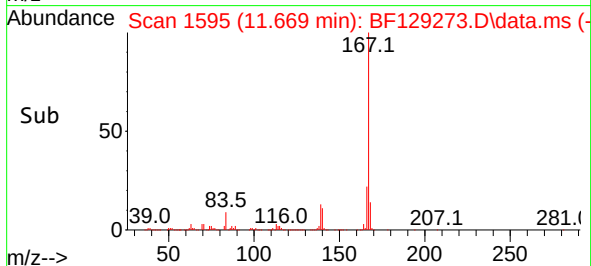
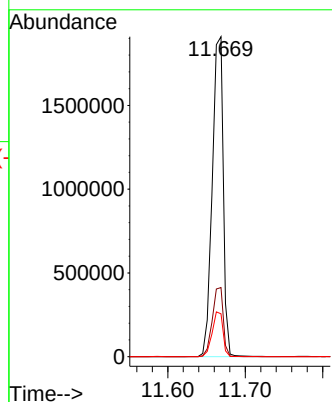
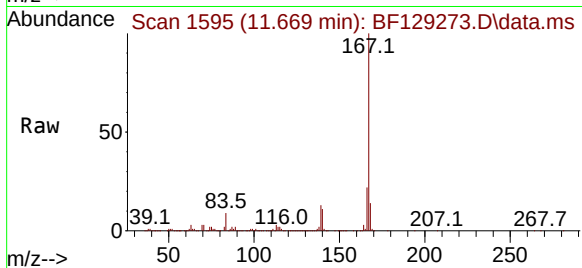
Tgt Ion:167 Resp: 1881785

Ion Ratio Lower Upper

167 100

166 21.6 17.7 26.5

139 13.4 11.2 16.8



#74

Di-n-butylphthalate

Concen: 52.707 ng

RT: 11.986 min Scan# 1649

Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

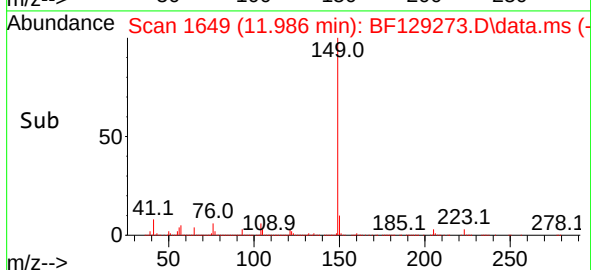
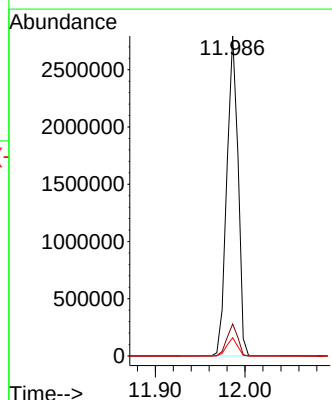
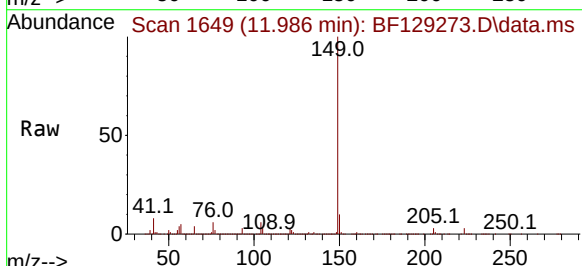
Tgt Ion:149 Resp: 2425730

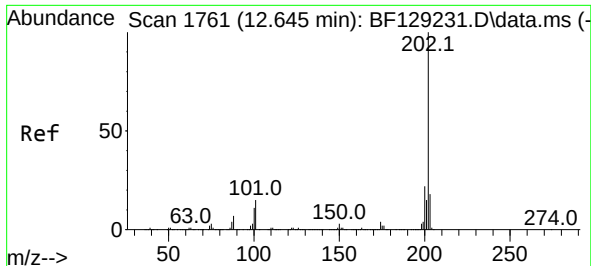
Ion Ratio Lower Upper

149 100

150 10.0 7.5 11.3

104 5.7 4.4 6.6

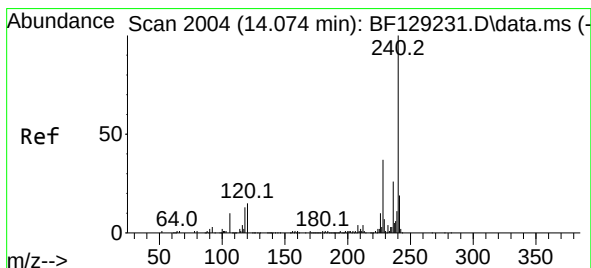
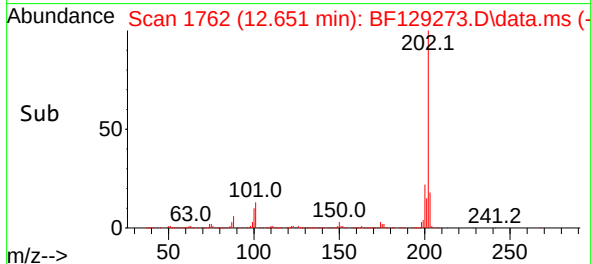
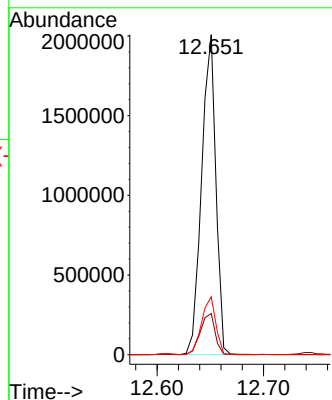
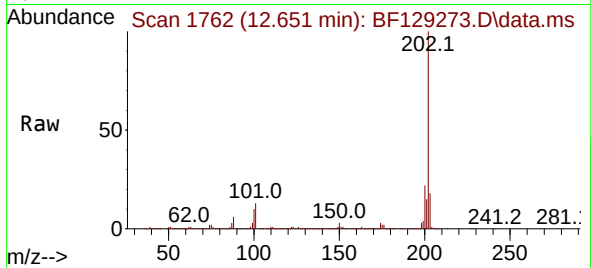




#75
Fluoranthene
Concen: 46.495 ng
RT: 12.651 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

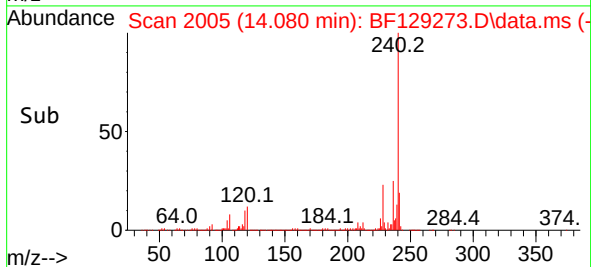
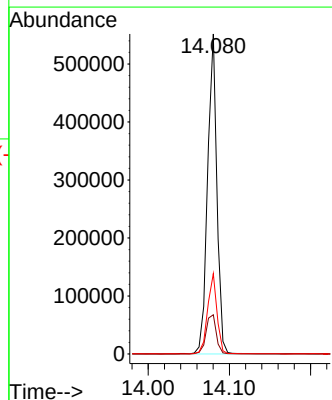
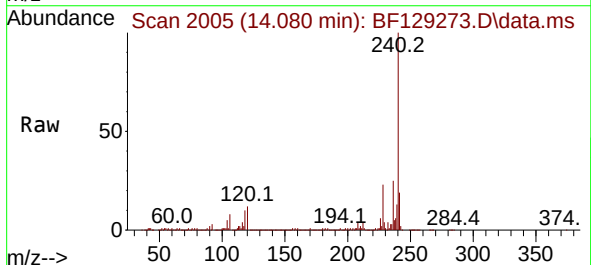
Instrument :
BNA_F
ClientSampleId :
TP-1MS

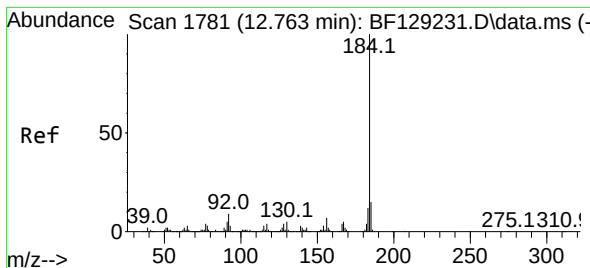
Tgt Ion:202 Resp: 1871601
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.4
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:240 Resp: 437618
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.1 20.8 31.2





#77

Benzidine

Concen: 11.682 ng

RT: 12.769 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

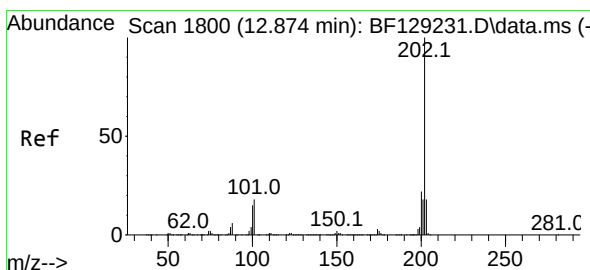
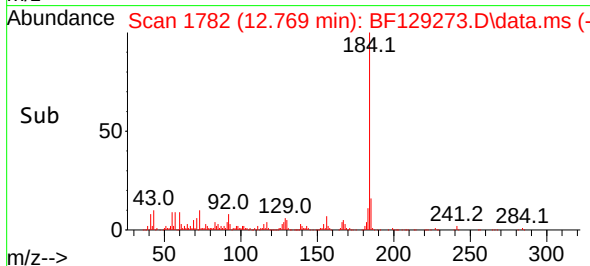
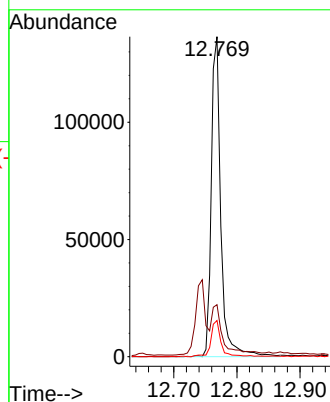
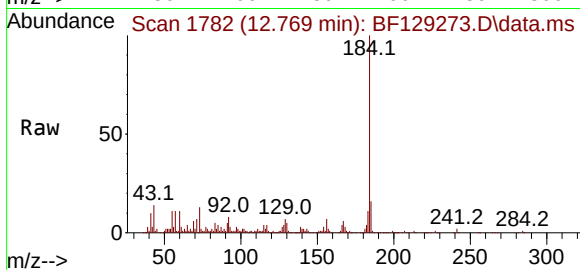
Tgt Ion:184 Resp: 143102

Ion Ratio Lower Upper

184 100

185 16.3 11.9 17.9

183 11.3 9.3 13.9



#78

Pyrene

Concen: 51.917 ng

RT: 12.880 min Scan# 1801

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

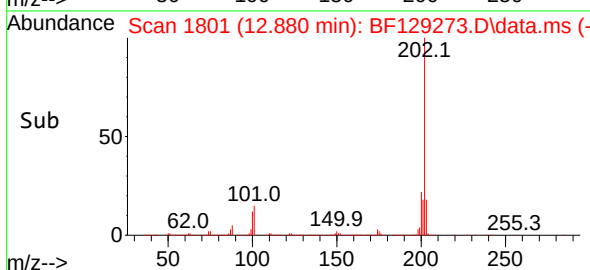
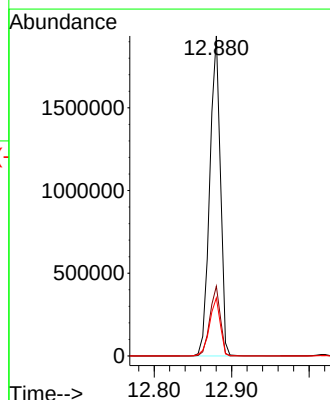
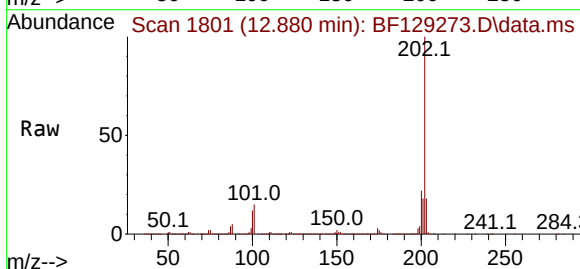
Tgt Ion:202 Resp: 1840218

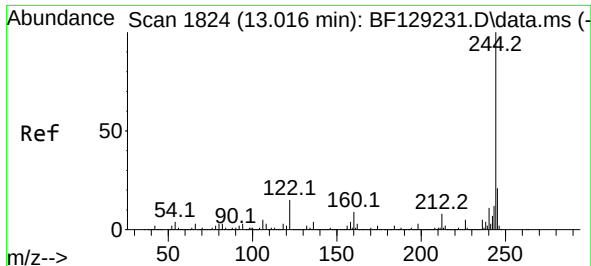
Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

203 18.2 14.6 21.8

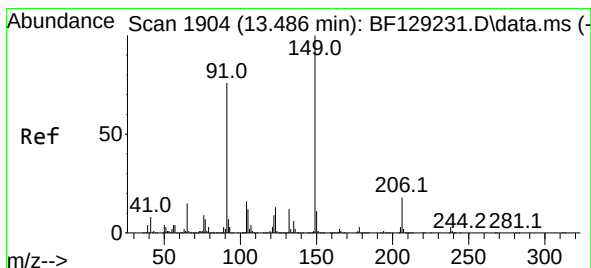
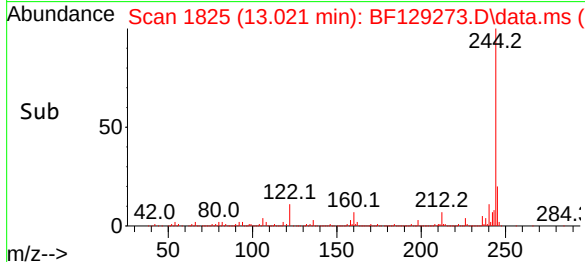
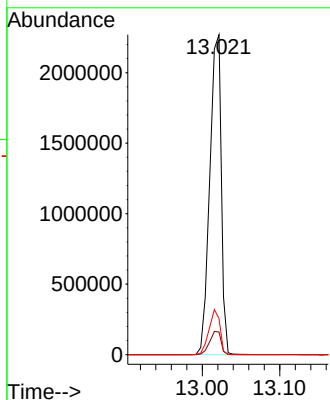
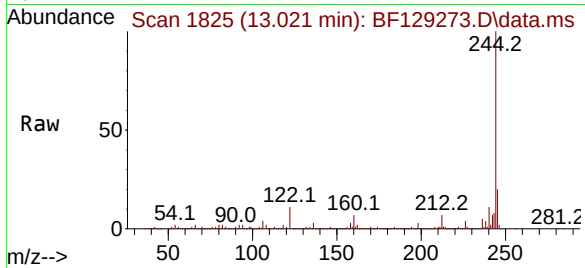




#79
 Terphenyl-d14
 Concen: 100.060 ng
 RT: 13.021 min Scan# 1825
 Delta R.T. 0.006 min
 Lab File: BF129273.D
 Acq: 18 Jul 2022 18:07

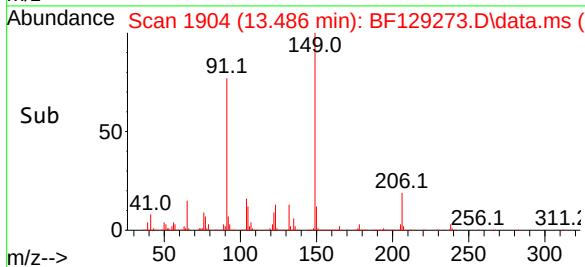
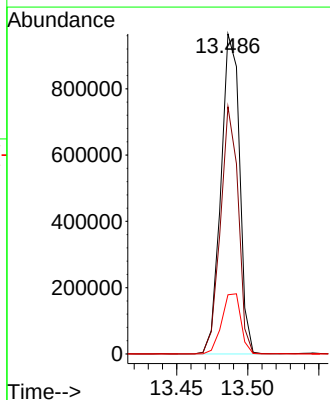
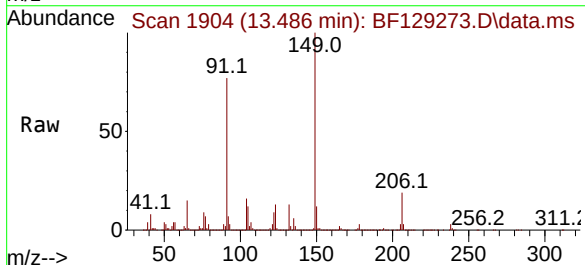
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

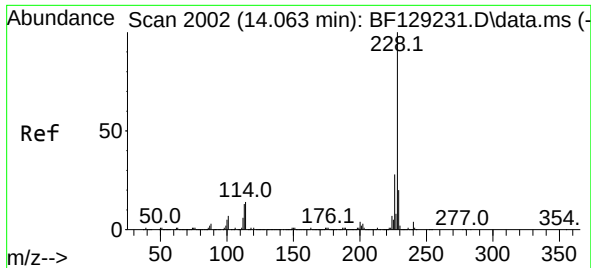
Tgt Ion:244 Resp: 2340747
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.3 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 55.487 ng
 RT: 13.486 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: BF129273.D
 Acq: 18 Jul 2022 18:07

Tgt Ion:149 Resp: 876012
 Ion Ratio Lower Upper
 149 100
 91 77.3 61.2 91.8
 206 18.5 15.7 23.5

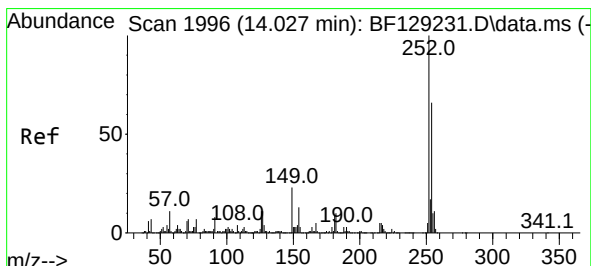
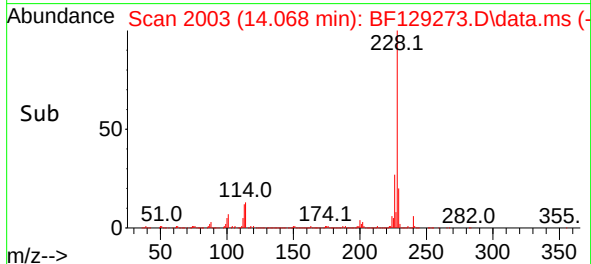
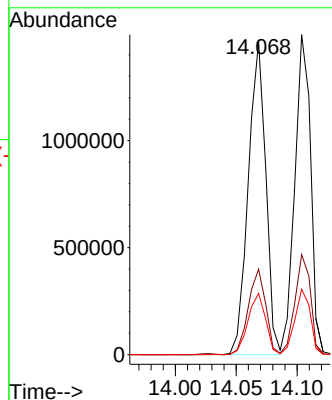
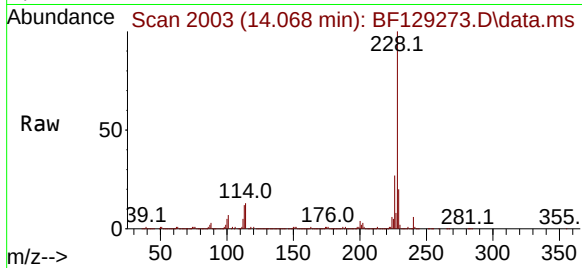




#81
Benzo(a)anthracene
Concen: 52.967 ng
RT: 14.068 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

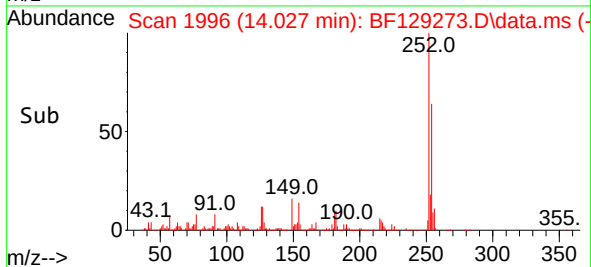
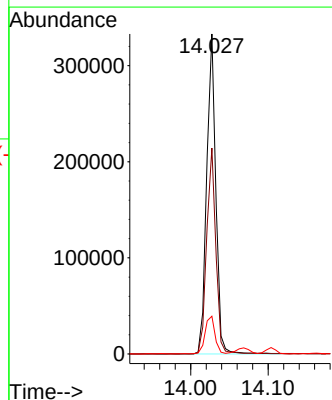
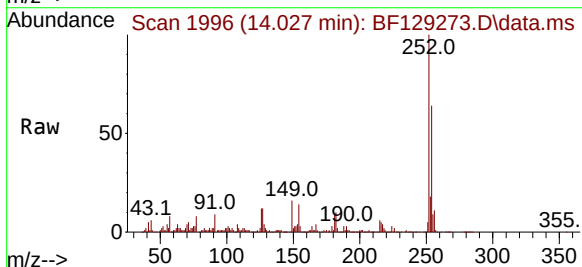
Instrument :
BNA_F
ClientSampleId :
TP-1MS

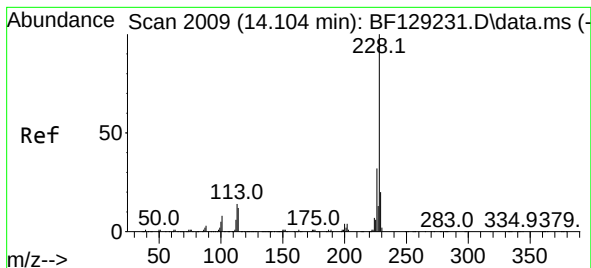
Tgt Ion:228 Resp: 1462076
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 39.492 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:252 Resp: 272694
Ion Ratio Lower Upper
252 100
254 64.3 50.2 75.4
126 11.8 8.2 12.4





#83

Chrysene

Concen: 51.289 ng

RT: 14.104 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

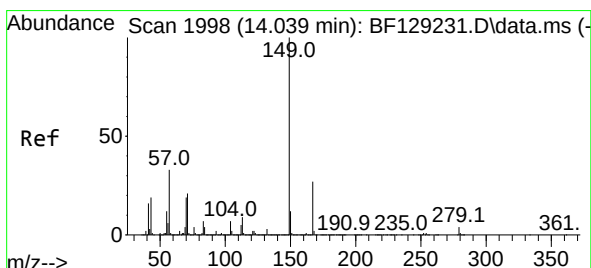
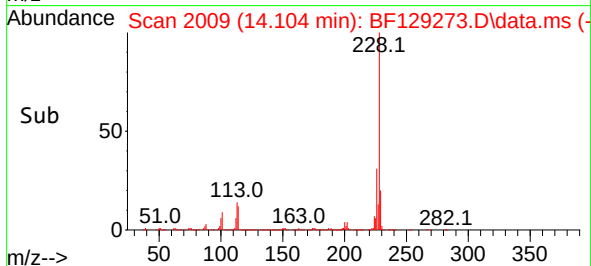
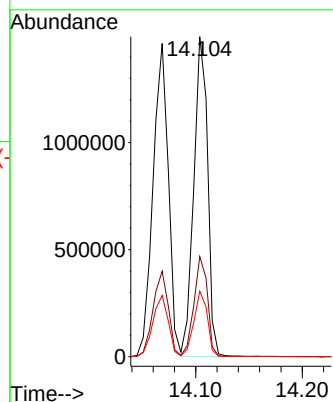
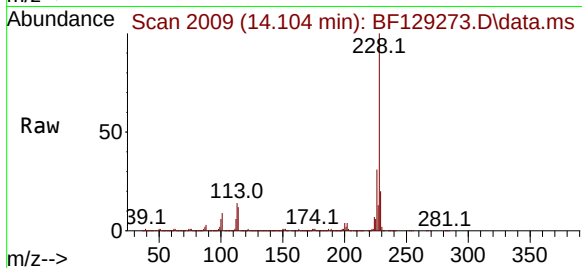
Tgt Ion:228 Resp: 1351351

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 20.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.714 ng

RT: 14.045 min Scan# 1999

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

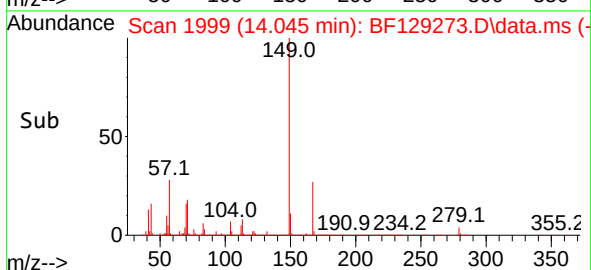
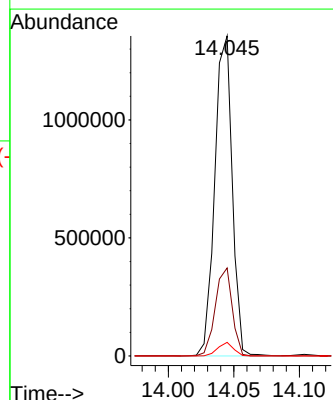
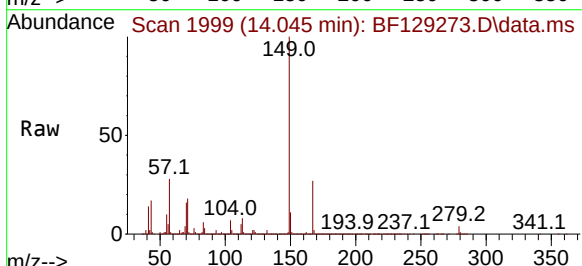
Tgt Ion:149 Resp: 1254434

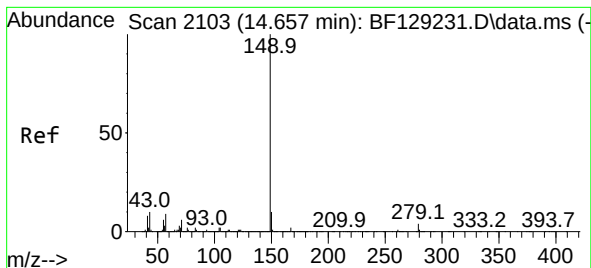
Ion Ratio Lower Upper

149 100

167 27.5 21.0 31.4

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 63.945 ng

RT: 14.657 min Scan# 2103

Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

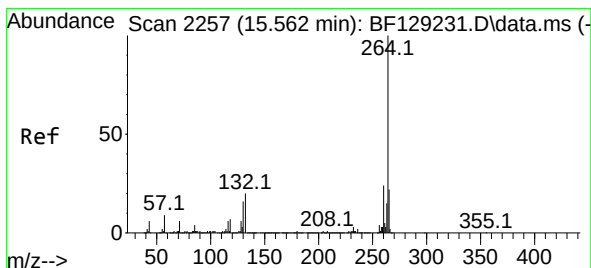
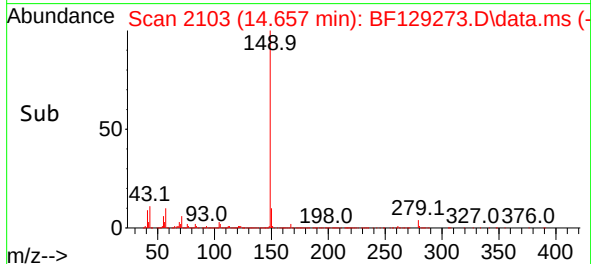
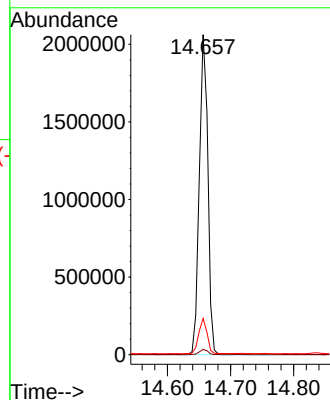
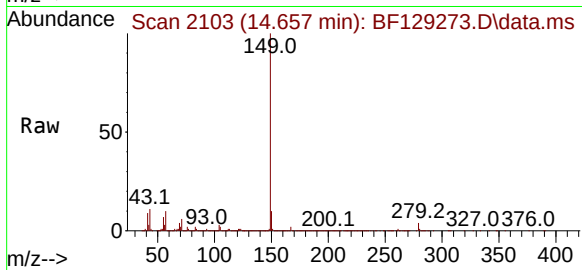
Tgt Ion:149 Resp: 1926712

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.7 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2258

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

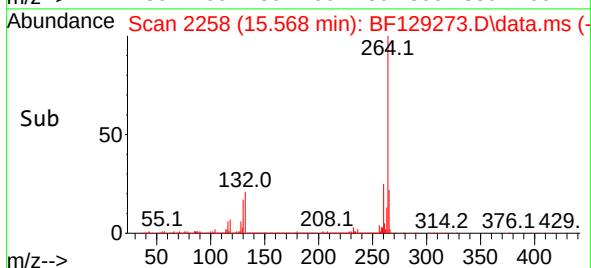
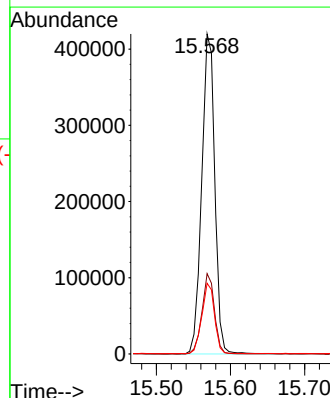
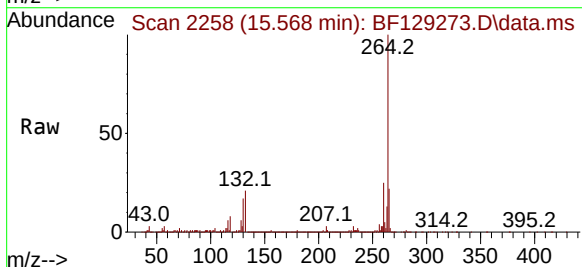
Tgt Ion:264 Resp: 514183

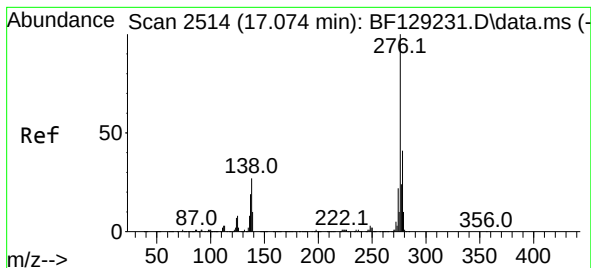
Ion Ratio Lower Upper

264 100

260 25.1 18.4 27.6

265 22.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.483 ng

RT: 17.098 min Scan# 2184

Delta R.T. 0.023 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

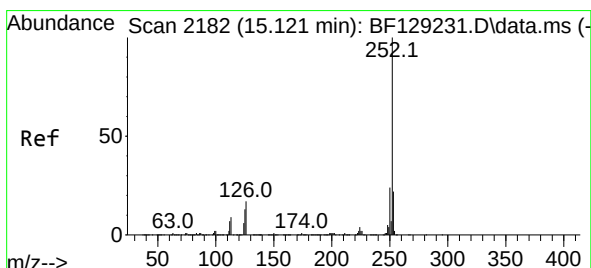
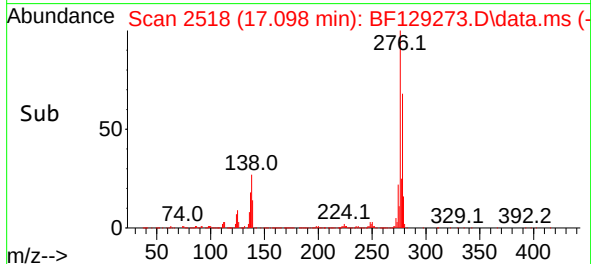
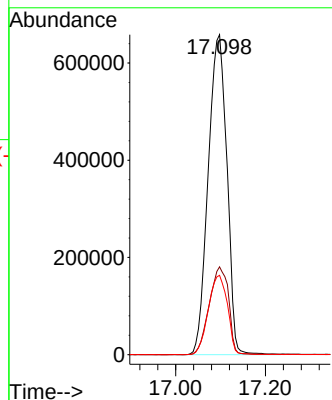
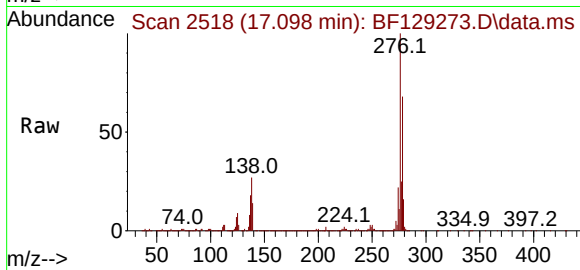
Tgt Ion:276 Resp: 1907155

Ion Ratio Lower Upper

276 100

138 28.5 21.1 31.7

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 49.911 ng

RT: 15.133 min Scan# 2184

Delta R.T. 0.012 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

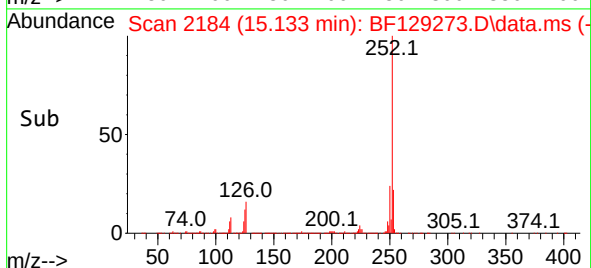
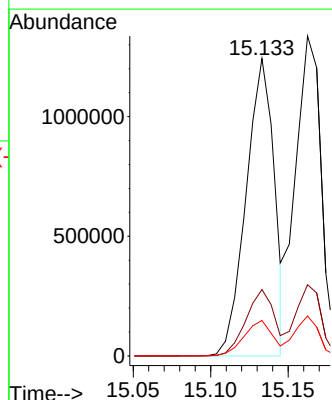
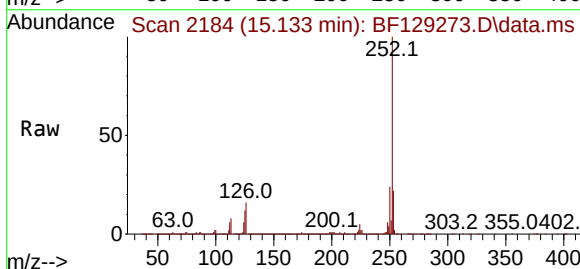
Tgt Ion:252 Resp: 1576603

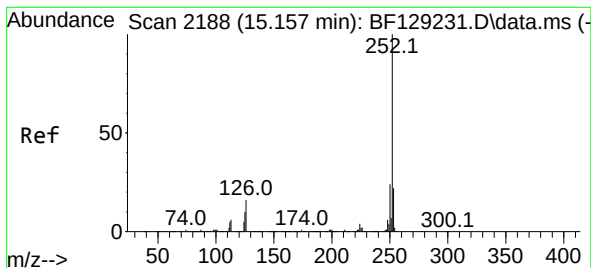
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 51.086 ng

RT: 15.133 min Scan# 2188

Delta R.T. -0.024 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

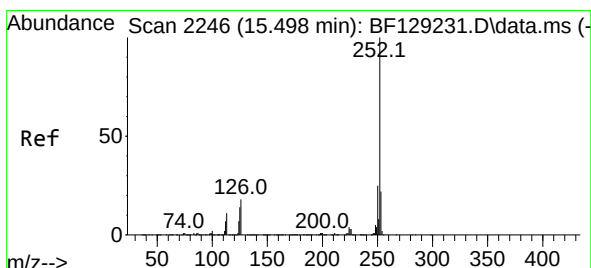
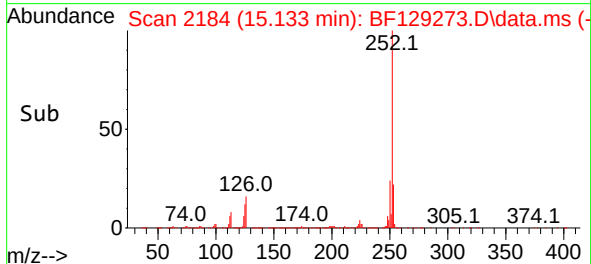
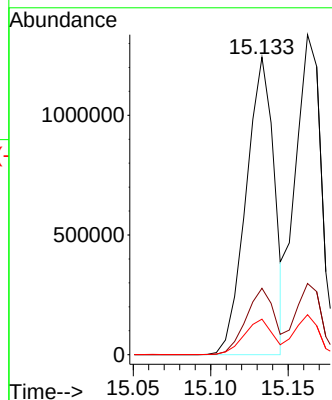
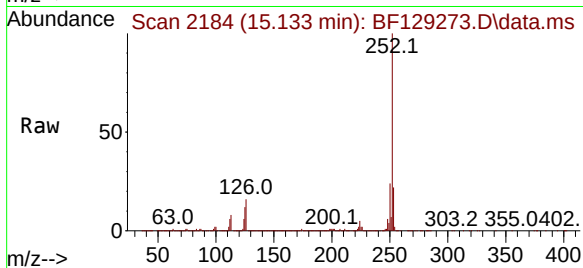
Tgt Ion:252 Resp: 1576603

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 11.9 8.3 12.5



#90

Benzo(a)pyrene

Concen: 56.608 ng

RT: 15.509 min Scan# 2248

Delta R.T. 0.012 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

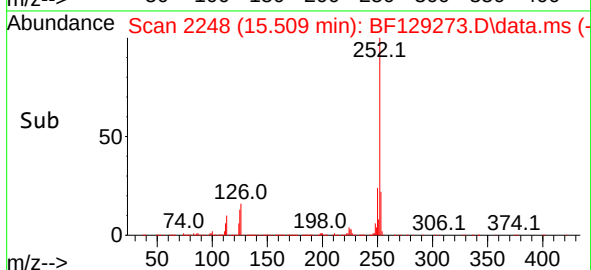
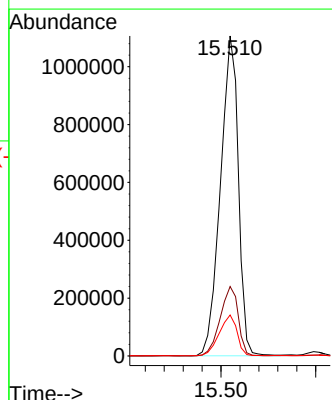
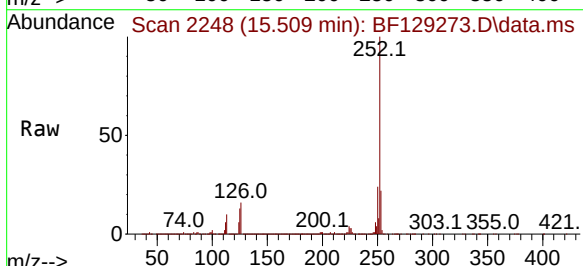
Tgt Ion:252 Resp: 1455687

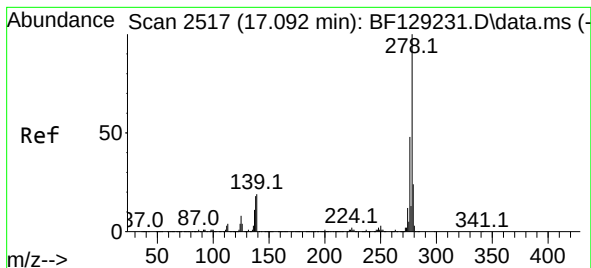
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 12.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 62.454 ng

RT: 17.115 min Scan# 2521

Delta R.T. 0.023 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

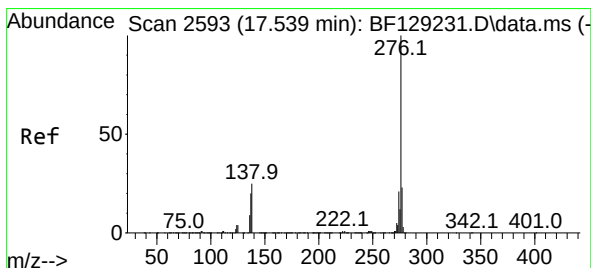
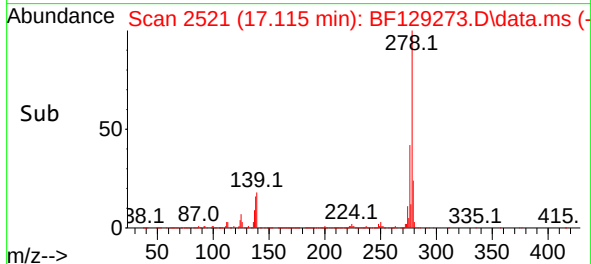
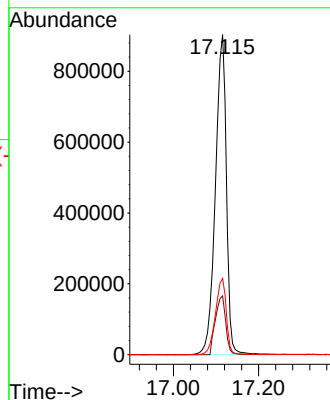
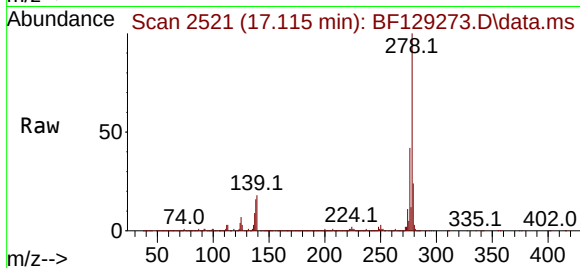
Tgt Ion:278 Resp: 1619712

Ion Ratio Lower Upper

278 100

139 18.4 12.8 19.2

279 23.9 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 62.275 ng

RT: 17.562 min Scan# 2597

Delta R.T. 0.024 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Tgt Ion:276 Resp: 1650921

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 24.7 18.0 27.0

